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DICKSON

INSTRUMENTATION FOR
CAPTURING CRITICAL DATA

FALL 2005

As the only manufacturer of Temperature, Humidity and Pressure Data Loggers and Chart Recorders, Dickson is your best source for high quality, competitively priced instrumentation.



NEW!

Starting at Just $249

Now Available:

- ***Network Connectivity over any LAN***
- ***High Accuracy Platinum RTD Remote Probe***

page 14



SK180

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Now Sold Individually! Featuring ±1.2°F Temperature Accuracy

page 15



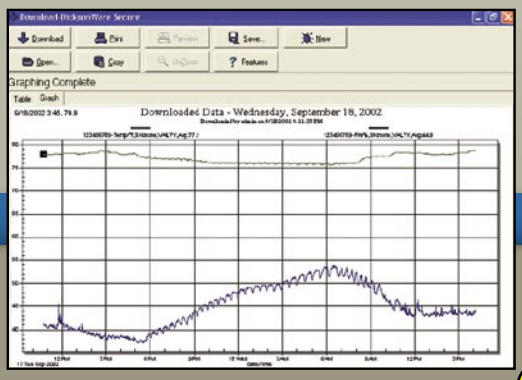
KTX

The Ultimate Temperature Chart Recorder!

Monitor Temperatures up to +2000°F

page 6

Just $659



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Just $79

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CD170

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Addison, IL

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TEMPERATURE DATA LOGGERS

Featuring Network Connectivity

NEW!



	SM300/320/325 SM720/725	SM420	HT100/120/125	FT121	SR200/300
Model					
Features	Flash Memory Card Downloads, LAN Connectivity	Best Accuracy, Remote RTD Probe, Flash Memory Card Downloads	High Temperature; Waterproof; Stainless Steel Enclosure	Detailed Graphs Displayed Instantly on Large LCD	Compact with Min/Max and Current Display or Push to Start
Price	Starting at $249	$499	Starting at $310	$599	Starting at $99
USB / Memory Card	Yes	Yes			
Network Connectivity	SM720/725				
Alarm	Yes	Yes			
Battery Operation	Yes	Yes	Yes		Yes
Temperature Range	-4 to +158°F Internal; -300 to +2000°F Remote	-50 to +350°F	-40 to +257°F	0 to +120°F (Internal); -200 to +2000°F (Remote Probe)	SR200: -40 to +176°F SR300: -4 to +158°F
Temperature Accuracy	±0.8°F (Internal)	±0.5°F	±1.8°F	±1.8°F	±1.8°F
Page Number	**14**	**14**	**13**	**13**	**12**

TEMPERATURE / HUMIDITY DATA LOGGERS

Featuring Network Connectivity



	TM320/325/725	FH125	TR220/320	TP120	TK500*
Model					
Features	Best Accuracy; Flash Memory Card Downloads, LAN Connectivity	Detailed Graphics Displayed Instantly on Large LCD	Compact with Min/Max and Current Display or Push to Start	5 Year Battery Life; 32,000 Sample Points	Super Compact - Slightly Larger than a Quarter; Sold in 12 Packs or individually
Price	Starting at $299	$699	Starting at $179	$189	$899 12-Pack
USB / Memory Card	Yes				
Network Connectivity	TM725				
Alarm	Yes				
Battery Operation	Yes		Yes	Yes	Yes
Temperature Range	-4 to +158°F Internal; -40 to +185°F Remote	-40 to +185°F	TR220: -40 to +176°F TR320: -4 to +158°F	-40 to +176°F	-4 to +158°F
Temperature Accuracy	±0.8°F	±1.8°F	±1.8°F	±1.8°F	±1.8°F*
Humidity Range	0 to 95% RH	0 to 95% RH	0 to 95% RH	0 to 95% RH	0 to 95% RH
Humidity Accuracy	±2% RH	±2% RH	±2% RH	±2% RH	±2% RH
Page Number	**14**	**13**	**12**	**15**	**15**

*Also available in a ±1.2°F high temperature accuracy model - sold individually for just $159, see page 15.

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COMPARISON MATRIX

CHART RECORDERS













SP100/150	SK500	SK180	SX100	KTX/KTXE	KT6	SK/SL	SC3	DW4	SC8
5 Year Battery Life; 32,000 Sample Points	Super Compact- Slightly Larger than a Quarter; Sold in 12 Packs	High Accuracy, Super Compact, Temp. / RH Models Available	Basic Logger	Records Temp. up to +2000°F, Large 8" Chart, Current Min/Max Display	8 User Selectable Temp. Ranges, Display, Remote K-TC Probe, 6" Chart	Real Time Digital Display, Compact Enclosure, 4" Chart	Super Compact 3" Chart, °F/°C & 24/7 Switchable	NEMA 4X Enclosure, Submersible Probe, 4" Chart	Rugged Metal Enclosure, Large 8" Chart
Starting at $119	$499 12-Pack	$89	$89	$659	Starting at $399	Starting at $199	$149	$549	$499
				Yes	KT603/655				
Yes	Yes	Yes	Yes			Yes	Yes	Yes	Yes
-40 to +176°F Internal; -238 to +2000°F Remote	-4 to +158°F	+40 to +110°F	-40 to +176°F	-50 to +2000°F	-100 to +500°F	-20 to +120°F	-14 to +122°F	-50 to +250°F	-20 to +120°F
±1.8°F	±1.8°F	±1.2°F	±2.25°F	±1.8°F	±1.8°F	±2°F	±2°F	±2% Full Scale	±2% Full Scale
15	**15**	**15**	**12**	**6**	**6**	**16**	**7**	**7**	**7**

COMPARISON MATRIX

CHART RECORDERS







TX120	THDX	TH6	THV	TH8
Basic Logger	Records Dew Point, Large 8" Chart, 4 Selectable Temp. Ranges	5 User Selectable Temp. Ranges, Relay Contact, 6" Chart	Compact 4" Chart, Operates on a Single AA Battery	Rugged Metal Enclosure, Large 8" Chart
$149	$659	Starting at $499	$369	$659
	Yes	TH603		
Yes			Yes	Yes
-40 to +176°F	-20 to +120°F	0 to +185°F (TH603)	0 to +100°F	-20 to +120°F
±2.25°F	±1.8°F	±1.8°F	2% Full Scale	2% Full Scale
25 to 95% RH	0 to 95% RH	0 to 95% RH	20 to 70% RH	15 to 85% RH
±5% RH	±2% RH	±2% RH	±5% RH	±3% RH
12	**4**	**4**	**5**	**5**

PRESSURE COMPARISON MATRIX

DATA LOGGERS / CHART RECORDERS



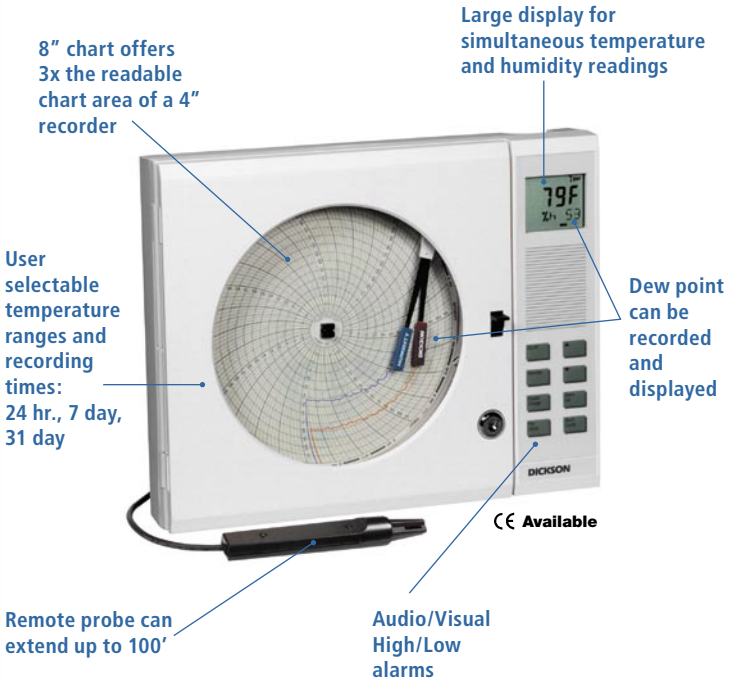



Model	PL100/300/500	PR100/300/500	PW4	PR8
Features	1 Second Sample Rate, Large Min/Max Display, Flash Memory	Compact Water Resistant Enclosure, 5 Year Battery Life	Compact 4" Chart, Operates on a Single AA Battery	Rugged Metal Enclosure, Large 8" Chart
Price	Starting at $499	Starting at $399	Starting at $399	Starting at $529
Chart Size			4"	8"
Unit Type	Data Logger	Data Logger	Chart Recorder	Chart Recorder
Display	Yes			
Waterproof/ Resistant Enclosure	Yes	Yes	Yes	
Enclosure Type	NEMA 4X	316 Stainless Steel	NEMA 4X	NEMA 2
Page Number	**9**	**9**	**8**	**8**

TEMPERATURE / HUMIDITY CHART RECORDERS

THDX — 8" TEMPERATURE / RH / DEW POINT CHART RECORDER — $659

The THDX is the ULTIMATE temperature and humidity chart recorder!



ORDERING INFORMATION

Description	Order #	Price
Temperature, Humidity, Dew Point Recorder	THDX	$659

CHARTS

•Order charts for your specific range: 60 charts/pkg•
Must be ordered separately

Temperature Range	Chart 24 hour	Chart 7 day	Chart 31 day	Price
-20 to +120°F	C415	C417	C480	$24
+40 to +110°F	C476	C477	C481	$24
-20 to +50°C	C472	C473	C482	$24
+5 to +40°C	C478	C479	C483	$24

ACCESSORIES / NIST CALIBRATIONS

Description	Order #	Price
NIST Traceable Calibration 3-pt. (new unit)	N300	$149
NIST Traceable Calibration 1-pt. (new unit)	N100	$99
A2LA Accredited Calibration 3-pt. (new unit)	N400	$259
RH Calibration Kit (33% and 75%)	A834	$199
Pens (3 red/3 blue)	P246	$36
Probe Dust Filter	A867	$25

(See page 11 for Cables & Cases)

SPECIFICATIONS

Humidity: Accuracy: ±2% RH; **Range:** 0-95%
Temperature: Accuracy: ±1.8°F
Calculated Dew Point Range: -22 to +122°F, -30 to +50°C
Power Source: 120V AC Adapter w/ battery backup
Dimensions: 13.2" x 10.5" x 2.8"; Cable Length: 6"
Cable Length: 6"
FREE WITH INSTRUMENT: AC Adapter, pens, starter pack of charts

TH6 — 6" TEMPERATURE / RH CHART RECORDER — From $499

WOW! The TH6 is a feature-rich 6" temperature and humidity recorder that's packaged in a stylish compact enclosure. The two available models offer some temperature ranges not found on our best selling THDX.

- ***TH602 Ranges: 0 to +50°C, +32 to +100°F; 0 to 95% RH***
- ***TH603 Ranges: 0 to +50°C, +32 to +100°F, 0 to +100°F, 0 to +185°F, 0 to +85°C; 0 to 95% RH***



ORDERING INFORMATION

Order No.	Basic Recorder	5 Temp Ranges	Digital Display	Remote Probe	Audible Alarm	Relay Contact	Price
TH602	•		•				$499
TH603	•	•	•	•	•	•	$599

CHARTS

•Order charts for your specific range: 60 charts/pkg•
Must be ordered separately

Temperature Range	Chart 24 hour	Chart 7 day	Price
0 to +50°C	C664	C663	$24
0 to +100°F (0 to +85°C) (32-100°F)	C658	C657	$24
0 to +185°F (TH603 only)	C667	C665	$24

ACCESSORIES / NIST CALIBRATIONS

Description	Order #	Price
NIST Traceable Calibration 3-pt. (new unit)	N300	$149
NIST Traceable Calibration 1-pt. (new unit)	N100	$99
A2LA Accredited Calibration 3-pt. (new unit)	N400	$259
Pens (3 red/3 blue)	P246	$36
Calibration Kit (33% & 75%) (TH603)	A834	$199
Probe Dust Filter (TH603)	A867	$25

(See page 11 for Cables & Cases)

SPECIFICATIONS

Temperature Accuracy (Recorder Only): ±1.8°F
Humidity: Accuracy: ±2% **Range:** 0-95% RH
Power Source: 120V AC Adapter w/ battery backup
Audible Alarm: User sets min/max values (TH603)
Relay Contact: 24V .5A contact rating SPST, normally open, closes on alarm condition (TH603)
Dimensions: 7.6" x 7.6" x 3.3"; Cable Length: 6'
FREE WITH INSTRUMENT: AC Adapter, pens, battery, & starter pack of charts

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MOST PORTABLE TEMPERATURE / HUMIDITY CHART RECORDERS & INDICATORS

TH8 — 8" TEMPERATURE / RH CHART RECORDER — $659



Our most portable and easy to use temperature and humidity chart recorders - period! Each model operates on a single AA battery and feature rugged enclosures.

- ***Large 8" chart offers triple the readable chart area of a 4" recorder***
- ***Rugged metal enclosure***

ORDERING INFORMATION

Temperature Range	Order #	Price	Chart	Price
7 day, -20 to +120°F	**TH8-7F**	$659	**C417**	$24
24 hour, -20 to +120°F	**TH8-24F**	$659	**C415**	$24
7 day, -20 to +50°C	**TH8-7C**	$659	**C473**	$24

ACCESSORIES / NIST CALIBRATIONS

Description	Order #	Price
NIST Traceable Calibration 3-pt. (new unit)	**N300**	$149
NIST Traceable Calibration 1-pt. (new unit)	**N100**	$99
Pens (3 red/3 blue)	**P246**	$36

SPECIFICATIONS

Temperature: Accuracy: ±2°F
Humidity: Accuracy: ±3%; **Range:** 15 to 85% RH
Dimensions: 9.5" x 9.5" x 4.2"
FREE WITH INSTRUMENT: "AA" Battery, pens, starter pack of charts

THV — 4" TEMPERATURE / RH CHART RECORDER — $369



- ***Compact 4" diameter chart***
- ***Continuous 24 hour or 7 day record***

ORDERING INFORMATION

Temperature Range	Order #	Price	Chart	Price
7 day, 0 to +100°F	**THV97**	$369	**C012**	$24
24 hour, 0 to +100°F	**THV99**	$369	**C010**	$24

ACCESSORIES / NIST CALIBRATIONS

Description	Order #	Price
NIST Traceable Calibration 3-pt. (new unit)	**N300**	$149
NIST Traceable Calibration 1-pt. (new unit)	**N100**	$99
Pens (3 red/3 blue)	**P246**	$36

SPECIFICATIONS

Temperature: Accuracy: ±2°F
Humidity: Accuracy: ±5%; **Range:** 20 to 70% RH
Dimensions: 6.3" x 6.0" x 3.5"
FREE WITH INSTRUMENT: "AA" Battery, pens, starter pack of charts

TH300 — TEMPERATURE / RH INDICATOR — $389

Spot check temperature, humidity & dew point with one handheld instrument!



ORDERING INFORMATION

Order #	Store/Recall Readings	Display Min/Max	Data Hold	Dew Point Calculated	Carrying Case	Price
TH300	•	•	•	•	•	$389

ACCESSORIES / NIST CALIBRATIONS

Description	Order #	Price
NIST Traceable Calibration 3-pt. (new unit)	**N300**	$149
NIST Traceable Calibration 1-pt. (new unit)	**N100**	$99
A2LA Accredited Calibration 3-pt. (new unit)	**N400**	$259
Calibration Kit (33% & 75%)	**A834**	$199
Probe Dust Filter	**A867**	$25

(See page 11 for Cases)

SPECIFICATIONS

Temperature: Accuracy: ±1.8°F; **Range:** -22 to +185°F, -30 to +85°C
Humidity: Accuracy: ±2% from 0 to 90% at 73°F; **Range:** 0 to 95% RH
Dimensions: 7.0" x 2.8" x 1.4"; Cable length: 6'
Free With Instrument: 9V battery, carrying case

TC200 — TEMPERATURE INDICATOR — $289

Spot check temperature with our versatile thermocouple handheld indicator.



ORDERING INFORMATION

Store/Recall Readings	Display Min/Max	Data Hold	Type K Probe	Type J & T Probe	Order #	Price
•	•	•	•	•	**TC200**	$289

ACCESSORIES

Description	Order #	Price
NIST Traceable Calibration 3-pt. (new unit)	**N300**	$149
NIST Traceable Calibration 1-pt. (new unit)	**N100**	$99
A2LA Accredited Calibration 3-pt. (new unit)	**N400**	$259

(See page 11 for Cables, Cases & Probes)

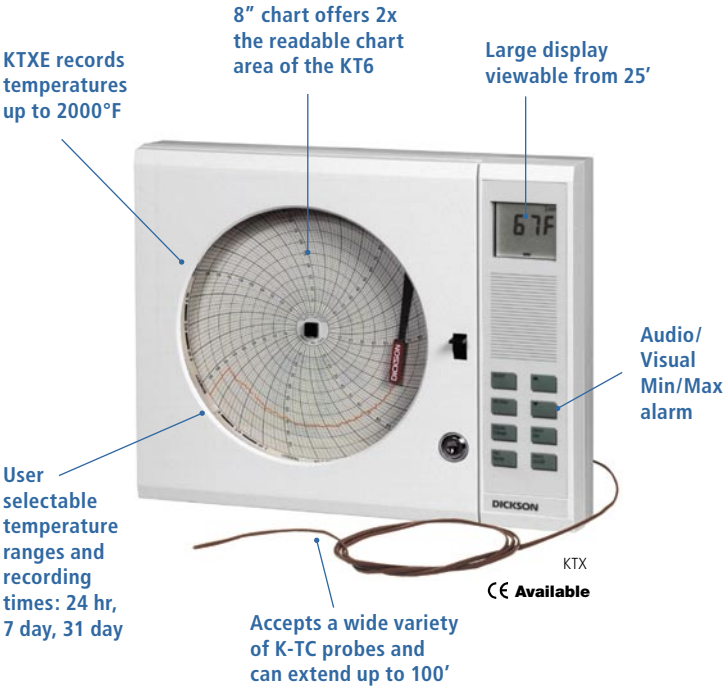
SPECIFICATIONS

K Range: -300 to +1999°F (-184 to +1093°C)
Accuracy (indicator only): ±1.8°F (±1°C)
Display Resolution: .1° from 0.0 to 999.0; 1° above 1000 and below 0
Dimensions: 7.0" x 2.8" x 1.4" (17.8cm x 7.0cm x 3.5cm); Cable Length: 6'
FREE WITH INSTRUMENT: K-Thermocouple Probe shown & 9V battery

TEMPERATURE CHART RECORDERS

KTX — 8" TEMPERATURE CHART RECORDER WITH K-THERMOCOUPLE PROBE — From $659

The KTX and KTXE Love Extreme Temperatures



ORDERING INFORMATION

Description	Order #	Price
8" Temperature Chart Recorder w/ 4' Beadwire Probe	KTX	$659
8" Temperature Chart Recorder w/ High Temp. Basic K-TC Probe	KTXE	$779

Temperature Range KTX	Chart 24 hour	Chart 7 day	Chart 31 day	Price
-50 to +50°F/C	C411	C414	C406	$24
0 to +100°F/C	C410	C412	C409	$24
0 to +250°F/C	C432	C439	C407	$24
0 to +500°F	C428	C459	C408	$24
KTXE				
0 to +250°F/C	C432	C439	C407	$24
0 to +500°F/C	C428	C459	C408	$24
0 to +1000°F/C	C441	C440		$24
0 to +2000°F	C443	C444		$24

ACCESSORIES

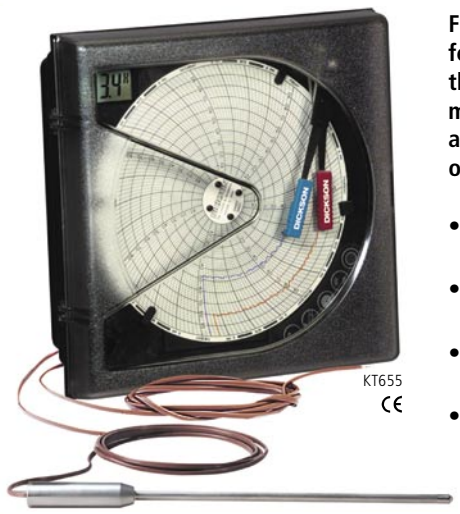
Description	Order #	Price
NIST Traceable Calibration 3-pt. (new unit)	N300	$149
NIST Traceable Calibration 1-pt. (new unit)	N100	$99
A2LA Accredited Calibration 3-pt. (new unit)	N400	$259
Pens (6 red)	P222	$36

(See page 11 for Cables, Cases & Probes)

SPECIFICATIONS

Ambient Operating Range: +32 to +122°F (non-condensing)
Temperature Accuracy (Recorder Only): ±1.8°F
Power Source: 120V AC Adapter w/ battery backup
Dimensions: 13.2" x 10.5" x 2.8"
FREE WITH INSTRUMENT: AC Adapter, pen, Probe: 4' Beadwire (KTX) or High Temperature Basic (KTXE) & starter pack of charts

KT6 — 6" TEMPERATURE CHART RECORDER WITH K-THERMOCOUPLE — From $399



Shown with optional A203 probe

FEATURES! Packed with features and high on style the KT6 has it all. Three models offer features not available in the KTX while only half the size.

- Uses K-Thermocouple probes for flexibility
- Available in one or two pen models
- Monitor temperatures from -100°F to +500°F
- Features: display, alarms, and relays

ORDERING INFORMATION

Order No.	Basic Recorder	8 Temp Ranges	Digital Display	Dual Temp.	Remote Probe	Audible Alarm	Relay Contact	Electronic Noise Resistant	Price
KT602	•	•	•		•				$399
KT603	•	•	•		•	•	•		$499
KT655	•	•	•	•	•	•	•		$599
KT663	•	•	•		•	•	•	•	$575

CHARTS

•Order charts for your specific range: 60 charts/pkg•
Must be ordered separately

Temperature Range	Chart 24 hour	Chart 7 day	Price
-50 to +50°F/C	C652	C651	$24
0 to ±50°F/C	C654	C653	$24
0 to ±100°F/C	C658	C657	$24
0 to +250°F/C	C660	C659	$24
0 to +500°F	C662	C661	$24
50 to +100°F/C	C656	C655	$24

SPECIFICATIONS

Temperature Accuracy (Recorder Only): ±1.8°F
Power Source: 120V AC Adapter w/ battery backup
Dimensions: 7.6" x 7.6" x 3.3"
FREE WITH INSTRUMENT: AC Adapter, Pen, 9V Battery, starter pack of Charts and 4' Bead Wire Probe

ACCESSORIES / NIST CALIBRATIONS

Description	Order #	Price
NIST Traceable Calibration 3-pt. (new unit)	N300	$149
NIST Traceable Calibration 1-pt. (new unit)	N100	$99
A2LA Accredited Calibration 3-pt. (new unit)	N400	$259
Pens (single pen unit) (6 red)	P222	$36
Pens (dual pen unit) (3 red/3 blue)	P266	$36

(See page 11 for Cables, Cases & Probes)

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RUGGED & PORTABLE TEMPERATURE CHART RECORDERS

OPERATE ON A SINGLE AA BATTERY

DW4 4" TEMP. CHART RECORDER WITH PROBE $549

Give this recorder a shower! Sturdy NEMA 4x water resistant enclosure and submersible probe are perfect for your dampest applications.



ORDERING INFORMATION

Temperature Range	Recording Time	Price	Order #	Chart	Price
-50 to +50°C	7 day	$549	**DW421**	**C083**	$24
0 to +100°C	7 day	$549	**DW422**	**C012**	$24
-20 to +120°F	7 day	$549	**DW424**	**C017**	$24
0 to +250°F	24 hour	$549	**DW427**	**C032**	$24

ACCESSORIES / NIST CALIBRATIONS

Description	Order #	Price
NIST Traceable Calibration 3-pt. (new unit)	**N300**	$149
NIST Traceable Calibration 1-pt. (new unit)	**N100**	$99
Pens (6 red)	**P222**	$36

(See page 11 for Cases)

SPECIFICATIONS

Accuracy: ±2% full scale
Probe: 6' (183cm) capillary (enclosed with water resistant material) and 4" L (10.2cm) x .5" (1.3cm) diameter stainless steel bulb
Dimensions: 6.5" x 6.0" x 2.9" (16.5 cm x 15.3 cm x 7.4 cm)
FREE WITH INSTRUMENT: One pen, "AA" battery, starter pack of charts

SC8 8" TEMPERATURE CHART RECORDER $499

Body armor included! The SC8 features a rugged metal case and large 8" chart with 7x the readable area of the SC3.



ORDERING INFORMATION

Temperature Range	Recording Time	Order #	Price	Chart	Price
-20 to +120°F	7 day	**SC8-120-B-7**	$499	**C417**	$24

ACCESSORIES / NIST CALIBRATIONS

Description	Order #	Price
NIST Traceable Calibration 3-pt. (new unit)	**N300**	$149
NIST Traceable Calibration 1-pt. (new unit)	**N100**	$99
Pens (6 red)	**P222**	$36

SPECIFICATIONS

Temperature Accuracy: ±2% over full scale
Dimensions: 9.5" x 9.5" x 4.2"
FREE WITH INSTRUMENT: 1 "AA" battery, pen, starter pack of charts

SC3 3" TEMPERATURE CHART RECORDER $149

Our smallest recorder is big on flexibility. The SC3 with compact 3" chart features user-selectable 24 hour and 7 day recording times and temperature ranges



ORDERING INFORMATION

•Order charts for your specific range: 60 charts/pkg•
Must be ordered separately

°F & °C Switchable Range		Order #	Price	7 day °F Chart	7 day °C Chart	24 hour °F Chart	24 hour °C Chart	Price
-14 to +32°F	-25 to 0°C	**SC367**	$149	**C302**	**C310**	**C301**	**C309**	$24
+4 to +50°F	-15 to +10°C	**SC377**	$149	**C304**	**C312**	**C303**	**C311**	$24
+22 to +68°F	-5 to +20°C	**SC386**	$149	**C320**	**C318**	**C319**	**C317**	$24
+50 to +96°F	+10 to +35°C	**SC387**	$149	**C306**	**C314**	**C305**	**C313**	$24
+76 to +122°F	+25 to +50°C	**SC397**	$149	**C308**	**C316**	**C307**	**C315**	$24

ACCESSORIES / NIST CALIBRATIONS

Description	Order #	Price
NIST Traceable Calibration 3-pt. (new unit)	**N300**	$149
NIST Traceable Calibration 1-pt. (new unit)	**N100**	$99
Pens (6 red)	**P222**	$36

(See page 11 for Cases)

SPECIFICATIONS

Accuracy: ±2°F (±1°C) over full scale
Dimensions: 3.9" x 3.7" x 2.3"
FREE WITH INSTRUMENT: "AA" battery and pen, Charts not included

D300 DISPOSABLE TRANSPORTATION RECORDER $32

One time use! This disposable temperature recorder is perfect for monitoring goods while in transit.



ORDERING INFORMATION

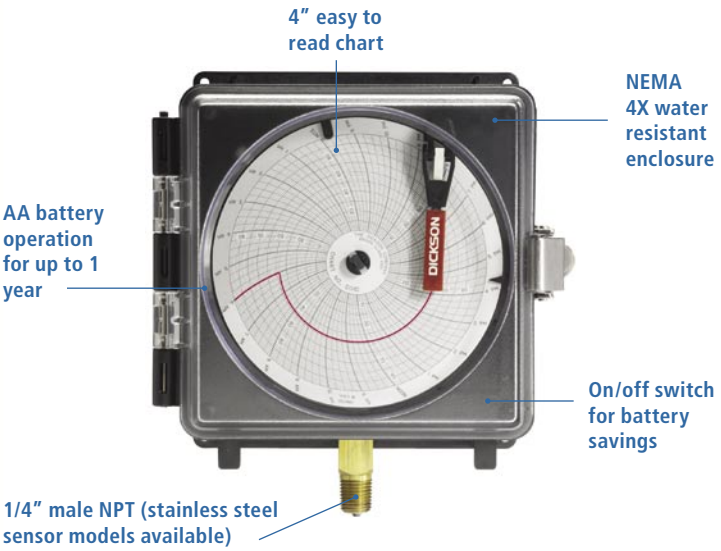
Temperature Range	Recording Time	Order #	Price
-20 to +100°F (-30 to +37.5°C)	10 day	**D301**	$32
-20 to +100°F (-30 to +37.5°C)	20 day	**D302**	$32

SPECIFICATIONS

Accuracy: ±1°F (+.6°C) from +10 to +70°F (-12 to +21°C)
Chart Size: 36" long by 2" wide (pressure sensitive strip chart)
Recorder Dimensions: 5.5" x 4.2" x 2.5" (14.0 cm x 10.5 cm x 6.4 cm)

PRESSURE, UNIVERSAL CHART RECORDERS

PW4 — 4" PRESSURE CHART RECORDER — From $399





Our most popular pressure recorder! Featuring 7 pressure ranges and user-selectable recording times. This is the easiest and most reliable pressure recorder you will ever use.

ORDERING INFORMATION

Pressure Range	Order # 24 hour	Order # 7 day	Price	Chart 24 hour	Chart 7 day	Price
0 to 100 PSI	**PW451**	**PW450**	$399	**C010**	**C012**	$24
0 to 150 PSI	**PW453**	**PW452**	$399	**C025**	**C035**	$24
0 to 200 PSI	**PW455**	**PW454**	$399	**C026**	**C040**	$24
0 to 300 PSI	**PW457**	**PW456**	$399	**C022**	**C036**	$24
0 to 500 PSI	**PW459**	**PW458**	$399	**C028**	**C056**	$24
0 to 300 (stainless steel sensor)	**PW461**		$529		**C036**	$24
0 to 600 (stainless steel sensor)	**PW462**		$529		**C043**	$24

Please keep in mind that the Dickson pressure recorders are not suitable for monitoring ammonia, acids or other corrosive substances, and only the PW461 & PW462 are suitable for monitoring salt water.

SPECIFICATIONS

Accuracy: ±2% full scale
Ambient Operating Range: -22 to +122°F, -30 to +50°C
Connection: 1/4" male NPT
Case: Velox PBT NEMA 4x case
Dimensions: 6.3" x 6.0" x 2.9" (15.9cm x 15.2cm x 7.4cm)
FREE WITH INSTRUMENT: "AA" Battery, pen & starter pack of charts

ACCESSORIES / NIST CALIBRATIONS

Description	Order #	Price
NIST Traceable Calibration 3-pt. (new unit)	**N300**	$149
NIST Traceable Calibration 1-pt. (new unit)	**N100**	$99
Accessory Kit (includes filter kit)	**A791**	$89
Fire Hydrant Adapter Kit	**A793**	$150
Filter Kit (includes snubber) (recommended)	**R022**	$25
Pens (6 red)	**P222**	$36

PR8 — 8" PRESSURE CHART RECORDER — From $529



With 3x the readable chart area of the PW4, a sturdy metal case and 0 to 1000 PSI range, this large 8" pressure goes where the PW4 can't.

ORDERING INFORMATION

Pressure Range	Order # 24 hour	Order # 7 day	Price	Chart 24 hour	Chart 7 day	Price
0 to 100 PSI	**PR8100PB24S**	**PR8100PB7S**	$529	**C410**	**C412**	$24
0 to 200 PSI	**PR8200PB24S**	**PR8200PB7S**	$529	**C456**	**C436**	$24
0 to 1000 PSI	**PR8-1000**		$629	**C441**		$24

ACCESSORIES for PW4 apply

SPECIFICATIONS

Accuracy: ±2% full scale
Ambient Operating Range: -22 to +122°F, -30 to +50°C
Connection: 1/4" male NPT
Case: NEMA 2 all metal case with window in door
Dimensions: 9.5" x 9.5" x 4.2" (25cm x 25cm x 10.5cm)
FREE WITH INSTRUMENT: "AA" Battery, pen & starter pack of charts

Pressure data loggers available on page 9.

ESX — 8" UNIVERSAL INPUT CHART RECORDER — $659



Looking to record data from that transmitter? Featuring a large 8" chart, digital display and 4 user-selectable analog inputs.

CHARTS

•Order charts for your specific range: 60 charts/pkg•
Must be ordered separately

Range	Chart 24 hour	Chart 7 day	Chart 31 day	Price
0 to +10	**C420**	**C498**		$24
0 to +100	**C410**	**C412**	**C409**	$24
0 to +14	**C457**	**C453**		$24
0 to +200	**C456**	**C436**		$24
0 to +30	**C424**	**C463**		$24

SPECIFICATIONS

Analog Input Series (user selectable): 0-20mA, 4-20mA, 0-5Vdc, 1-5Vdc
Accuracy (recorder only): ±.3% full scale, +1 digit
Transmitter Compatibility: Any powered voltage or current transmitter within specified input range
Average Response Time: 20 seconds full scale
Chart Size: 8" (20.3cm) diameter
Power Supply: 120V AC adapter and 4 "D" batteries for back-up power
FREE WITH INSTRUMENT: AC Adapter, pen, starter pack of charts (C412)

ORDERING INFORMATION

Description	Order #	Price
Universal Input Recorder	**ESX**	$659

ACCESSORIES

Description	Order #	Price
Pens (6 red)	**P222**	$36

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PL100/300/500 — PRESSURE DATA LOGGERS WITH DIGITAL DISPLAY — From $499

ORDERING INFORMATION

Pressure Range	Order #	Price
0 to 100 PSI	**PL100**	$499
0 to 300 PSI	**PL300**	$499
0 to 500 PSI	**PL500**	$599
DicksonWare™ Software & USB Download Cable	**A016**	$79

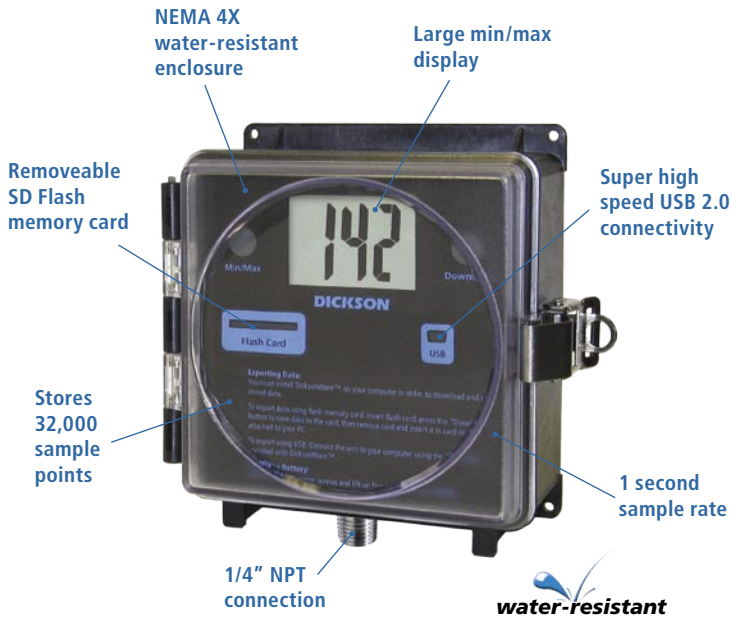
ACCESSORIES / NIST CALIBRATIONS

Description	Order #	Price
Card Reader w/ FLASH Memory Card	**A220**	$129
Extra FLASH Memory Card	**A210**	$59
NIST Traceable Calibration 3 pt. (new unit)	**N300**	$149
NIST Traceable Calibration 1 pt. (new unit)	**N100**	$99
Pressure Fitting Accessory Kit	**A791**	$89
Fire Hydrant Adapter Kit	**A793**	$150
Filter Kit (includes snubber)	**R022**	$25
Logger Calibration Software	**SW400**	$249

SPECIFICATIONS

Accuracy: ±1% of Full Scale
Ambient Operating Range: -4 to +158°F (-20 to +70°C); 0 to 100% RH
Units of Measure: Displays: PSI, (Atm, Bar, Millibar, in H2O, ft H20, mm H20, mm Hg, Pascal and Kilopascal with DicksonWare only)
Connection: 1/4 NPT
Data Storage: 32,000 Sample Points
Power Supply: 4 AA batteries - 6 month typical battery life
Sample Interval (user selectable): 1 second up to 24 hours
Download: USB or SD Flash Memory Card
Case: Velox PBT NEMA 4x enclosure
Mounting: Stem or keyhole slots for wall mounting
Dimensions (not including stem): 6.9" x 6.3" x 2.9" (17.6 cm x 16.0 cm x 7.4 cm)
Software: Microsoft Windows® 95 or higher
Minimum Version DicksonWare™ Required: 8.1

The ULTIMATE in pressure data logging!



PR100/300/500 — PRESSURE DATA LOGGERS — From $399

ORDERING INFORMATION

Pressure Range	Order #	Price
0 to 100 PSI	**PR100**	$399
0 to 300 PSI	**PR300**	$399
0 to 500 PSI	**PR500**	$499
DicksonWare™ Software & Serial Download Cable	**A015**	$79

ACCESSORIES / NIST CALIBRATIONS

Description	Order #	Price
NIST Traceable Calibration 3 pt. (new unit)	**N300**	$149
NIST Traceable Calibration 1 pt. (new unit)	**N100**	$99
Pressure Fitting Accessory Kit	**A791**	$89
Fire Hydrant Adapter Kit	**A793**	$150
Filter Kit (includes snubber)	**R022**	$25
Locking Case	**A717**	$69
Logger Calibration Software	**SW400**	$249

SPECIFICATIONS

Accuracy: ±1% of Full Scale
Ambient Operating Range: +32 to +122°F (0 to +50°C); 0 to 100% RH
Units of Measure: PSI, Atm, Bar, Millibar, in H2O, ft H20, mm H20, mm Hg, Pascal, Kilopascal
Connection: 1/4 NPT
Data Storage: 7936 Sample Points
Power Supply: Lithium 3.6V battery - 5 year
Sample Interval: Variable from 10 seconds to 24 hours in 10 second increments
Software: A015 is Microsoft Windows™ 95 or higher
Case: Waterproof 316 Stainless Steel
Dimensions: 1.1" x 2.0" dia.
Minimum Version DicksonWare™ Required: 6.0.4.2
FREE WITH INSTRUMENT: Battery & Instruction Manual



DICKSON

INFRARED, TEMPERATURE, AND HUMIDITY INDICATORS

NON-CONTACT INFRARED INDICATORS — From $129



ORDERING INFORMATION

Good — Better — Best













Order Number	D165	D176	D166	D177	D168	D169
Price	$129	$179	$229	$429	$529	$1199
Type	Pistol Grip	Pistol Grip	Pistol Grip	Pistol Grip	Pistol Grip	Pistol Grip
Field of View	8:1	2.5:1	**12:1**	**30:1**	**50:1**	**60:1**
Laser Sighting	Single Point	LED Target Circle	Single Point	Single Point	Single Point	**3 pt. Laser Sighting**
Temperature Range	0 to +525°F	-30 to +525°F	**-25 to 999°F**	**-25 to +1100°F**	**-25 to +1400°F**	-25 to +1600°F
Accuracy	±2% or ±3°F, whichever is greater	±2°F, +32 to +150°F or 1.5% of reading	±1%	±1%	±1%	±.75%
Emissivity	Pre-set at .95	Pre-set at .97	**Pre-set at .95**	**Adjustable**	Adjustable	Adjustable
Applications	Automotive / Maintenance	HACCP Applications, Features HACCP Go / NoGo Temp. Indicator	HVAC & Electrical Motor Performance	Furnace Performance	Intrinsically safe model avail. (ask Cust. Service)	Monitor Process Line Equipment

Detailed specifications available at **www.dicksonweb.com**

How to select the appropriate IR Thermometer:

- **Field of View** helps you determine how accurate your IR will be at a given distance. The higher the field of view ratio for the IR thermometer, the greater the distance you can be from the item being measured and still have an accurate reading. A 10:1 Field of View IR Thermometer requires that you stand 10' away from your object in order to read the temperature from the same area that can be measured from 50' away by a 50:1 IR thermometer.
- **Emissivity** is determined by how reflective a surface is. The emissivity scale runs from .01 to 1.0 where most items fall into two categories: dark surfaces are considered to be .95, while bright surfaces are considered to be .70.
- **Laser Sighting:** The laser sighting helps you see the exact spot where you are measuring. Models like the D165 have a single laser point to help you locate the center of the area being measured. The D169 features a 3 pt. laser sighting that highlights the true diameter of the measurement spot.

ACCESSORIES

Description	Order #	Price
NIST Traceable Calibration 3-pt. (new unit)	**N300**	$149
NIST Traceable Calibration 1-pt. (new unit)	**N100**	$99
Holster Style Carrying Case (D165 & D176)	**A716**	$39
Holster Style Carrying Case (D166, D168 &D177)	**A718**	$39
Replacement RTD Probe (D176)	**A205**	$29

SPECIFICATIONS

Ambient Operating Conditions: +32 to +122°F (0 to +50°C) and 35 to 85% RH
FREE WITH INSTRUMENT: 9V battery; D169: includes Windows™ based data logging software, download cable, K-Thermocouple probe, plug-in power supply, hardshell carrying case, 2 "AA" batteries/AC adapter. D166, D168 & D177: 9V battery & hardshell case.

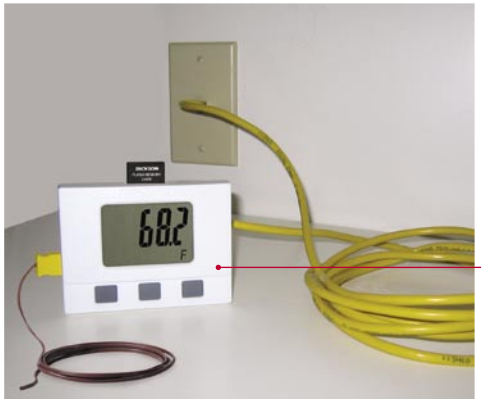
NEW D176 INFRARED INDICATOR



Our new D176 Non-Contact IR Thermometer combines the best temperature measurement technologies into one easy-to-use tool: the convenience of instant non contact surface scanning and a built-in probe thermometer for critical internal measurements. The convenient, replaceable, flip-down probe is ready when you need it. The dual-mode measurement system, built-in HACCP Check, and integrated timer, make the FoodPro Plus the professional's tool of choice in a food safety thermometer.

The D176 features HACCP Check "Go/No-Go" lights. Red or green lights show immediately if temperatures are within HACCP guidelines for safe food temperatures. A green light indicates safe hot and cold holding temperatures, while potentially dangerous food temperatures trigger a red light. The D176 is NSF certified.

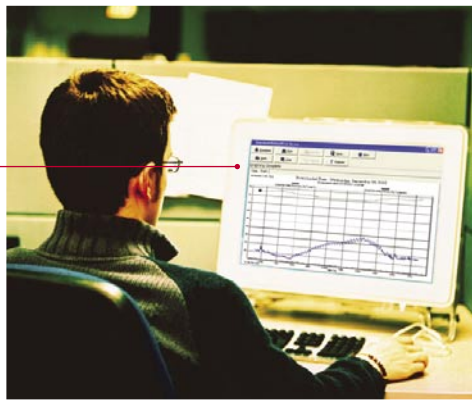
NEW! INTRODUCING MIDSIZE DISPLAY ETHERNET DATA LOGGERS!



View detailed graphs, download logged data and modify logger settings on one or multiple loggers connected to your LAN from your PC or over the internet using a VPN or pcAnywhere!

Place these data loggers at any location on your Local Area Network: Warehouse, Clean Rooms, Storage Rooms, Lab, Chambers / Incubatores

See page 14 for details.



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Mail: Dickson 930 S. Westwood Ave., Addison, IL 60101

Order Online! Fast, Easy, 24/7
www.dicksonweb.com

STEP 1 BILL TO

Name:
Company:
Address:
City:
State/Province: Zip:
Phone:
E-mail:

STEP 2 SHIP TO (IF DIFFERENT THAN BILLING)

Name:
Company:
Address:
City:
State/Province: Zip:
Phone:
E-mail:

STEP 3 ORDERING INFORMATION

Order Number	Quantity	Price/Unit	Total
		$ /ea	$
		$ /ea	$
		$ /ea	$
		$ /ea	$
		$ /ea	$

Subtotal: $
In Illinois, add 7.5% sales tax ▸ Tax: $
Freight: $
All Prices in U.S. Dollars ▸ **Total: $**

STEP 4 PAYMENT METHOD

☐ Check: Check # _____
☐ Money Order (enclosed with order)
☐ Credit Card: ☐ AMERICAN EXPRESS ☐ MasterCard ☐ VISA

Credit Card Number: ☐☐☐☐-☐☐☐☐-☐☐☐☐-☐☐☐☐ Expires: (mm/yy) ☐☐/☐☐

Signature

☐ Purchase Order: P.O.# _____ (Net 15 days for established customers)
Customer Number: _____

U.S.A. FREIGHT CHARGES

Total Order	UPS 2nd Day	UPS Next	UPS Ground
$0-100	$16	$33	$10
$101-400	$20	$42	$15
$401-700	$28	$57	$18
$701-1,000	$37	$60	$26
$1,001-1,500	$56	$77	$39
$1,501-2,000	$74	$97	$46
$2,001-over Please call Dickson Customer Service			

All shipments UPS 2nd day unless otherwise requested.

Cables, Cases and Probes

Model No.	Description	Price	DW4	FH125 / FT121	HT100/120/125	KT6	KTX	SC3	SK4 / SL4	SM300/320/325 SM720/725	SP100	SP150	TC200	TH300	TH6	THDX	TM320/325/725	TP120	SR200 / TR220 SR300 / TR320
		Page:	7	13	13	6	6	7	16	14	15	15	5	5	4	4	14	15	12
Extension Cables - Serial Download Cable																			
A060	Extra 6' Serial Download Cable	$49		•	•					•	•	•					•	•	•
A170	Serial to USB Adapter	$129		•	•						•	•						•	•
X025	25' Serial Download Cable	$75		•						•	•	•					•	•	•
X050	50' Serial Download Cable	$85		•						•	•	•					•	•	•
Extension Cables - Humidity Probe																			
A860	10' Probe Extension Cable	$39														•			
A865	50' Probe Extension Cable	$69														•			
A866	100' Probe Extension Cable	$99														•			
A880	10' Probe Extension Cable	$39		•											•				
A881	50' Probe Extension Cable	$69		•											•				
A882	100' Probe Extension Cable	$99		•											•				
Cases - Carrying and Locking																			
A708	Carrying Case - Soft, Medium	$39	•						•										
A709	Carrying Case - Soft, Large	$110					•									•			
A710	Carrying Case - Soft, Small	$39						•					•	•					
A711	Water-resistant Pouch - Medium	$69						•	•										
A713	Water-resistant Pouch - Small	$49									•	•							
A715	Locking Wall Mount Case, Small	$49						•			•	•						•	•
Probes - K-Thermocouple																			
A202	100' K-TC Straight Extension Cable	$159		•		•	•			•		•	•						
A203	6" High Immersion Probe w/ 6' Straight Cable	$119		•		•	•			•		•	•						
D605	4" Piercing Probe w/ 5' Coiled Cable	$69		•		•	•			•		•	•						
D606	Angled Surface Probe w/ Mini Connector	$129		•		•	•			•		•	•						
D608	5" Immersion Probe w/ 5' Coiled Cable	$79		•		•	•			•		•	•						
D617	10' K-TC Straight Extension Cable	$49		•		•	•			•		•	•						

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TEMPERATURE, TEMPERATURE / HUMIDITY, EVENT & UNIVERSAL DATA LOGGERS

EV100 ON/OFF EVENT DATA LOGGER $299



Ideal for documentation of ON/OFF cycle patterns of any electrical equipment including pumps, chillers, conveyers and processing equipment. Its small and rugged design fits almost any application.

ORDERING INFORMATION

Description	Order #	Price
Event Data Logger 120-240 VAC	**EV100**	$299
DicksonWare™ Software and Serial Download Cable	**A015**	$79
Accessories	**Order #**	**Price**
Certificate of Validation	**N520**	$39

SPECIFICATIONS

Number of Channels: One
Input Connection: Alligator clips with 5' cord (included)
Data Storage: 65,512
Power Supply: 3V lithium coin cell battery, approx. 1 year at 1 min. sampling (user replaceable)
Sample Interval: Records data in configurable 10 second to 24 hour intervals
Software: Microsoft Windows® 95 or higher
Dimensions: 3.1" x 2.1" x 0.9" (7.9cm x 5.3cm x 2.3cm)
Minimum Version DicksonWare™ Required: 7.2

ES120 UNIVERSAL INPUT DATA LOGGER From $189



Log data from any powered voltage or current transmitter from 0 to 5V, 0 to 20mA or 0 to 15V. Monitor Ph, moisture, vibration, pressure and more!

ORDERING INFORMATION

Description	Order #	Price
Electronic Signal Data Logger (0 to 5V, 0 to 20mA)	**ES120**	$189
Electronic Signal Data Logger (0 to 15V)	**ES120A**	$249
DicksonWare™ Software & Serial Download Cable	**A015**	$79
Accessories	**Order #**	**Price**
Certificate of Validation	**N520**	$39

SPECIFICATIONS

Input: ES120: 0 to 5V, or 0-20mA; ES120A: 0 to 15V
Total Number of Channels: 2 channel (1 current/1 voltage or 2 current or 2 voltage) user selectable
Sensor Compatibility: Any powered voltage or current transmitter w/ specified input range
Data Storage: 32,512 (16,256 per channel)
Power Supply: 3V Lithium coin cell battery, approx. 5 yrs. at 1 min. sampling (factory replaceable)
Sample Interval: Records data in configurable 10 second to 24 hour intervals
Software: Microsoft Windows™ 95 or higher
Dimensions: 3.1" x 2.1" x 0.9" (7.9cm x 5.3cm x 2.3cm)
Minimum Version DicksonWare™ Required: 6.0.3.0

SR200/300 & TR220/320 COMPACT TEMPERATURE / TEMPERATURE & HUMIDITY DATA LOGGERS From $99

Like the pro series loggers but need immediate current, min & max readings or push-to-start feature? These compact data loggers with display or push-to-start are what you need. With the push of a button start logging or view temperature or temperature/humidity readings instantly.



TR220/SR200



TR320/SR300

Temperature Accuracy: ±1.8°F (±1°C);
Temperature Range: SR200/TR220: -40 to +176°F (-40 to +80°C)
SR300/TR320: -4 to +158°F (-20 to +70°C)
Humidity (TR220/320): Accuracy: ±2% RH; **Range:** 0 to 95% RH non-condensing
Data Capacity: 32,512 Sample Points
Sample Rate (user selectable): 10 seconds up to 24 hours
Battery Type/Life: 3.6V Lithium, approximately 2 years, user replaceable
Dimensions: 3.8" x 1.5" x 1.1" (9.6 cm x 3.7 cm x 2.8 cm)
DicksonWare™ Version Required: 7.20

ORDERING INFORMATION

Description	Order #	Price
Pro Series Temperature & Humidity Data Logger w/ Display	**TR320**	$229
Pro Series Temperature & Humidity Data Logger w/ Push-to-Start	**TR220**	$179
Pro Series Temperature Data Logger w/ Display	**SR300**	$149
Pro Series Temperature Data Logger w/ Push-to-Start	**SR200**	$99
DicksonWare™ Software & Serial Download Cable	**A015**	$79
DicksonWare SECURE Software & Serial Download Cable (21CFR11 Compliant)	**A025**	$199
Calibration Options	**Order #**	**Price**
NIST Traceable Calibration 3-pt. (new unit)	**N300**	$149
NIST Traceable Calibration 1-pt. (new unit)	**N100**	$99
A2LA Accredited Calibration 3-pt. (new unit)	**N400**	$259
Certificate of Validation	**N520**	$39
IQOQ Validation Package	**N525**	$400
Accessories	**Order #**	**Price**
Logger Calibration Software	**SW400**	$249
DicksonWare™ Upgrade Version 8.0	**SW701**	$49
Multi-Point Monitor & 25' RS232 Connector Cable	**MP100**	$499

(See page 11 for Cases)

SX100 & TX120 ECONOMY TEMPERATURE / TEMPERATURE & HUMIDITY DATA LOGGERS From $89

SX100
Temperature





TX120
Temperature & Humidity

If basic recording is your goal, these loggers are for you. The SX100 and TX120 do not have the storage (only 7,680 data points), or accuracy (±5% RH, ±2.25°F) of our other units, but are an excellent choice for those with a limited budget.

Temperature: Accuracy: ±2.25°F; **Range:** -40 to +176°F (-40 to +80°C)
Humidity Range (TX120): 25% to 95% RH (non-condensing)
Humidity Accuracy (TX120): ±5% over 25 to 95% RH range at 77°F (+25°C)
Battery Type/Life: 3V Lithium, approximately 1 year, user replaceable
Data Capacity: 7,680 Sample Points
Dimensions: 3.1" x 2.1" x 0.9" (7.9 cm x 5.4 cm x 2.2 cm)
Minimum DicksonWare™ Version Required: 6.0.0.5

ORDERING INFORMATION

Description	Order #	Price
Temperature & Humidity Data Logger	**TX120**	$149
Temperature Data Logger	**SX100**	$89
DicksonWare™ Software & Serial Download Cable	**A015**	$79
Calibration Options	**Order #**	**Price**
NIST Traceable Calibration 3-pt. (new unit)	**N300**	$149
NIST Traceable Calibration 1-pt. (new unit)	**N100**	$99
A2LA Accredited Calibration 3-pt. (new unit)	**N400**	$259

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HIGH TEMPERATURE, TEMPERATURE/HUMIDITY DATA LOGGERS

HT100/120/125 — HIGH TEMPERATURE DATA LOGGERS — From $310

HT100



Dimensions: 3.7" x 0.7" DIA

Ideal for:
- Process monitoring of food, pharmaceutical, oil, gas and chemical production
- Monitoring temperatures in remote or hard to reach locations including wells and storage tanks

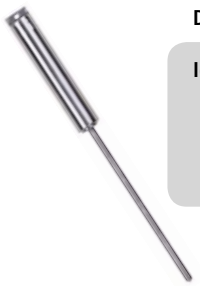
HT120



Dimensions: 6.3" x 0.7" DIA (2.5" x 3/16" DIA Probe)

Ideal for:
- Agricultural Applications including monitoring soil temperature and hay and feed storage
- Monitoring temperatures in laboratory incubators, autoclaves and baths

HT125



Dimensions: 8.7" x 0.7" DIA (5" x 0.11" DIA Piercing Probe)

Ideal for:
- HACCP Compliance including monitoring temperatures in coolers, smokers and freezers
- Piercing probe is perfect for monitoring meat and dairy processes and storage

Try a demo version of DicksonWare™ for FREE!
Go to www.dicksonweb.com and click on "Software".



These data loggers go where others can't! Developed to handle extreme temperatures and conditions previously impossible for a data logger. Featuring a temperature monitoring range of -40 to +257°F and a waterproof case constructed of food grade stainless steel.

Temperature Range: -40 to +257°F, (-40 to +125°C)
Temperature Accuracy: ±1.8°F (±1°C)
Data Capacity: 7,936 Sample Points
Sample Rate (user selectable): 10 seconds up to 24 hours
Battery Type/Life: 5 year typical battery life (non-replaceable)
Response Time: HT100: 15 min. to 63% Full Scale, typical;
HT120/HT125: 5 min. to 63% Full Scale, typical
Enclosure: 316 (Food Grade) Stainless Steel
Minimum DicksonWare™ Version Required: 6.0.2.11

ORDERING INFORMATION

Description	Order #	Price
High Temperature & Waterproof Data Logger	**HT100**	$310
High Temperature & Waterproof Data Logger w/2.5" Piercing Probe	**HT120**	$349
High Temperature & Waterproof Data Logger w/5" Piercing Probe	**HT125**	$399
DicksonWare™ Software & Serial Download Cable	**A015**	$79
DicksonWare SECURE Software & Serial Download Cable (21CFR11 compliant)	**A025**	$199

Calibration Options	Order #	Price
NIST Traceable Calibration 3-pt. (new unit)	**N300**	$149
NIST Traceable Calibration 1-pt. (new unit)	**N100**	$99
A2LA Accredited Calibration 3-pt. (new unit)	**N400**	$259
IQOQ Validation Package	**N525**	$400

FH125 & FT121 — VIEW DETAILED GRAPHS WITHOUT DOWNLOADING TO YOUR PC — From $599

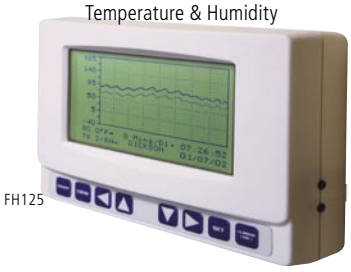
Flat Panel LCD Recorders let you view detailed temperature and humidity data on their large screen and allow for optional PC downloads. The large 4.5" x 2.5" display shows you current temperature and humidity readings and displays a graph of data ranging from 1 hour to 32 days. No paper charts or running back to your PC to see data. This recorder shows you everything at the push of a button. The FH125 features a remote probe that can extend up to 100' with optional extension cable and calculates dew point with DicksonWare™ Software. The FT121 features a remote K-Thermocouple probe. Both models record over 31,000 sample points.

Description	Order #	Price
Temperature & Humidity LCD Graphing Logger w/Remote Probe	**FH125**	$699
Temperature LCD Graphing Logger w/ K-Thermocouple Probe	**FT121**	$599
DicksonWare™ Software & Serial Download Cable	**A015**	$79
DicksonWare SECURE Software & Serial Download Cable (21CFR11 compliant)	**A025**	$199

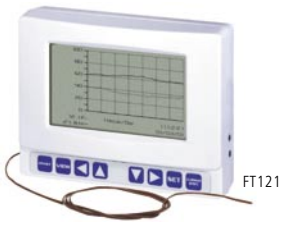
Calibration Options	Order #	Price
NIST Traceable Calibration 3-pt. (new unit)	**N300**	$149
NIST Traceable Calibration 1-pt. (new unit)	**N100**	$99
A2LA Accredited Calibration 3-pt. (new unit)	**N400**	$259
Certificate of Validation	**N520**	$39
IQOQ Validation Package	**N525**	$400

(See Page 11 for Cables & Probes)

Temperature & Humidity



Temperature



Humidity Range (FH125): 0 to 95%
Humidity Accuracy (FH125): ±2% RH at 73°F
Temperature Ranges: FH125: -40 to +185°F; FT121: -200 to +2000°F/C*
Temperature Accuracy: ±1.8°F
Data Capacity: 31,744 points
Sample Rate: Variable depending on recording time
Recording Times: User Selectable: 64 min., 8 hrs., 24 hrs., 8 days, 16 days, or 32 days
Power Supply: 120V AC adapter w/ battery backup
Dimensions: 7.0" x 5.0" x 2.0"
Includes: AC Adapter, 9V Battery
*with optional A203 high temp. K-Thermocouple probe - see page 11

TEMPERATURE, TEMPERATURE / HUMIDITY DATA LOGGERS

SM300/320/325/425/720/725 & TM320/325/725

TEMP. / TEMP. & HUMIDITY LCD DISPLAY LOGGERS **From $249**

Introducing Two New Features: Built-in Wired Networking Capabilities and Platinum RTD Remote Probe Model

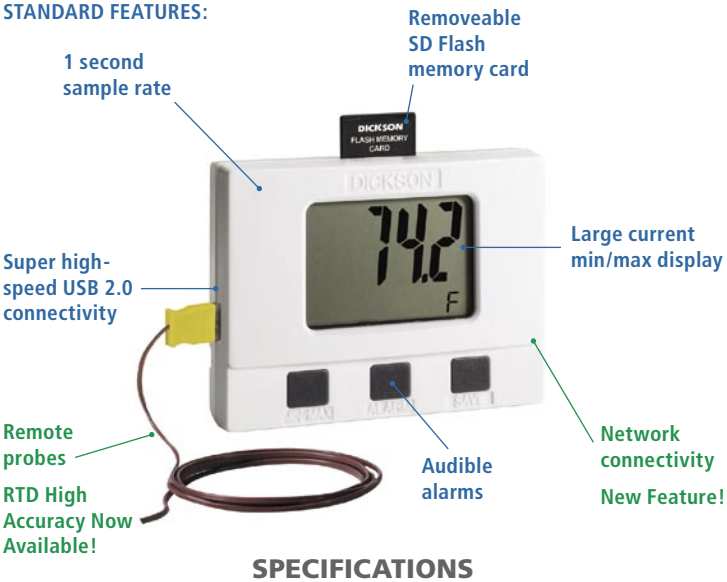
New Ethernet Connectivity!

Models SM720/725 and TM725 feature Ethernet connectivity, letting you view graphs, download logged data and modify logger settings on one or multiple loggers connected to your local area network from your PC or over the internet using a VPN or pcAnywhere™

Model SM420 features a ±0.5°F High Accuracy Platinum RTD Probe perfect for monitoring critical storage applications and processes.

New Platinum RTD Probe!

STANDARD FEATURES:



SPECIFICATIONS

Humidity (TM320, TM325, TM725): Accuracy: ±2% **Range:** 0 to 95%
Temperature Range - Internal (TM320, SM300, SM320, SM720):
-4 to +158°F (-20 to +70°C)
Temperature Range - External:
SM420 RTD Probe: -50 to +350°F (-45 to +176°C)
TM325 Remote Probe: -40 to +185°F (-40 to +85°C)
SM320/325/720/725:
Full Range using A203 K-TC probe: -300 to +2000°F (-184 to +1093°C)
Range with standard K-TC probe: -300 to +400°F (-184 to +204°C)
Temperature Accuracy (SM300, TM320, TM325, TM725): ±0.8°F (±0.5°C);
SM420: ±0.5°F (±0.28°C)
Temperature Accuracy (SM320, SM325, SM720, SM725): ±1.8°F (±1°C)
Data Capacity: 32,000 (16,000 per channel)
Sample Rate (user selectable): 1 second up to 24 hours
Download: USB, Serial or Memory Card
Battery/Life: 4 "AA" batteries; 6 months (SM720/725 & TM725: 9V battery backup only)
Dimensions: 4.0" x 3.0" x 1.6" (10.2 cm x 7.7 cm x 3.9 cm)
Minimum DicksonWare™ Version Required:
Models SM300/325/420 & TM320/325: Dicksonware version 8.3
Models SM720/725 & TM725: Dicksonware Secure version 8.3
Compatability: Microsoft Windows® 95 or higher
Network Connection (TM725, SM725, SM720): Standard Ethernet

ORDERING INFORMATION

Standard Models	Order #	Price
LCD Display Temperature & Humidity Data Logger	**TM320**	$299
LCD Display Temperature Data Logger	**SM300**	$249

Remote Probe Models	Order #	Price
New! LCD Display Temperature Data Logger w/ Platinum RTD Probe	**SM420**	$499
LCD Display Temperature & Humidity Data Logger w/ Remote Probe	**TM325**	$399
LCD Display Temperature Data Logger w/ 2 K-Thermocouple Probes	**SM325**	$399
LCD Display Temperature Data Logger w/ K-Thermocouple Probe	**SM320**	$299

New! Network Models - Require DicksonWare SECURE A026 or A025	Order #	Price
LCD Display Temp. & Humidity Network Data Logger w/ Remote Probe	**TM725**	$599
LCD Display Temp. Network Data Logger w/ 2 K-Thermocouple Probes	**SM725**	$599
LCD Display Temp. Network Data Logger w/ 1 K-Thermocouple Probe	**SM720**	$549

Software	Order #	Price
DicksonWare™ Software & USB Download Cable	**A016**	$79
DicksonWare™ Software & Serial Download Cable	**A015**	$79
DicksonWare™ SECURE Software & USB Download Cable	**A026**	$199
DicksonWare™ SECURE Software & Serial Download Cable	**A025**	$199

Calibration Options	Order #	Price
NIST Traceable Calibration 3-pt. (new unit)	**N300**	$149
NIST Traceable Calibration 1-pt. (new unit)	**N100**	$99
A2LA Accredited Calibration 3-pt. (new unit)	**N400**	$259
Certificate of Validation	**N520**	$39
IQOQ Validation Package	**N525**	$400

Accessories	Order #	Price
Card Reader w/ FLASH Memory Card	**A220**	$129
Extra FLASH Memory Card	**A210**	$59
Logger Calibration Software	**SW400**	$249
DicksonWare™ Upgrade	**SW701**	$49
Multi-Point Monitor & 25' RS232 Connector Cable	**MP100**	$499
AC Adapter	**R157**	$30
Probe Dust Filter	**A867**	$25

(See page 11 for Cables, Cases & Probes)


SM300/TM320


SM320/SM720


TM325/TM725



SM420


SM325/SM725

All models shown with optional memory card

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SP100/150 & TP120 — TEMPERATURE / TEMPERATURE & HUMIDITY DATA LOGGERS — From $119

Temperature Range: -40 to +176°F (-40 to +80°C)
Remote Temperature Range (SP150): -238 to +2000°F (-150 to +1093°C)*
Temperature Accuracy: ±1.8°F (±1°C) over range +14 to +176°F (-10 to +80°C)
Humidity Range (TP120): 0 to 95% RH non-condensing
Humidity Accuracy (TP20): ±2% at 40% RH and 73°F (23°C), ±4% RH over range 0 to 90% at 41 to +122°F (5 to +50°C)
Data Capacity: 32,000 Sample Points
Sample Rate (user selectable): 10 seconds up to 24 hours
Battery Type/Life: 3V Lithium, approximately 5 years (factory replaceable)
Dimensions: 3.1" x 2.1" x 0.9" (7.9 cm x 5.4 cm x 2.2 cm)
DicksonWare™ Version Required: SP100: 5.0.4.1, SP150: 6.0.3.10, TP120: 5.0.4.1
*with optional A203 high temperature K-Thermocouple probe - see page 11; Range 500°F with standard K-TC Probe

So portable, so rugged, so easy to use, what's not to love about the Pro Series Data Loggers! These loggers get the job done with features like 5-year battery life, 32,000 sample point storage capacity and compact size. The SP150 monitors temperatures up to +2000°F!



ORDERING INFORMATION

Description	Order #	Price
Pro Series Temperature & Humidity Data Logger	**TP120**	$189
Pro Series Temperature Data Logger	**SP100**	$119
Pro Series Dual Channel Temperature K-Thermocouple Data Logger	**SP150**	$219
DicksonWare™ Software & Serial Download Cable	**A015**	$79

Calibration Options	Order #	Price
NIST Traceable Calibration 3-pt. (new unit)	**N300**	$149
NIST Traceable Calibration 1-pt. (new unit)	**N100**	$99
A2LA Accredited Calibration 3-pt. (new unit)	**N400**	$259
Certificate of Validation	**N520**	$39

Accessories	Order #	Price
Logger Calibration Software	**SW400**	$249
DicksonWare™ Upgrade	**SW701**	$49
Multi-Point Monitor & 25' RS232	**MP100**	$499

(See page 11 for Cables, Cases & Probes)

**Try a demo version of DicksonWare™ for FREE!
Go to www.dicksonweb.com and click on "Software".**

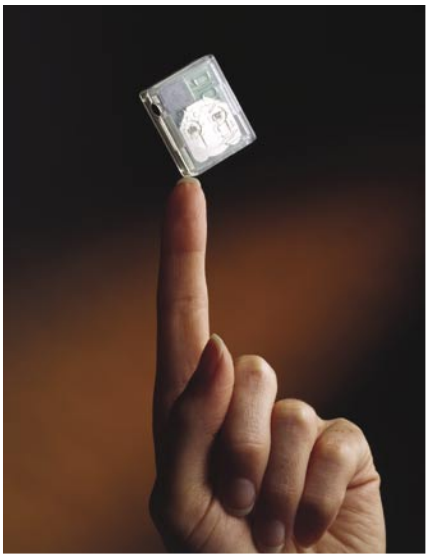
SK180/500 & TK180/500 — SUPER COMPACT AND ECONOMICAL DATA LOGGERS — From $89

Temperature Range: SK180: +40 to +110°F (0 to +43°C)
SK500, TK180/500: -4 to +158°F (-20 to +70°C)
Temperature Accuracy: SK180/TK180: ±1.2°F
SK500/TK500: ±1.8°F (±1°C)
Humidity Range (TK180/500): 0 to 95% RH
Humidity Accuracy (TK180/500): ±2% over range 10 to 90% RH at 73°F
Data Capacity: 7,936 Sample Points
Sample Rate (user selectable): 10 seconds up to 24 hours
Battery Life: Lithium 3V, approximately 1 year, user replaceable
Response Time: 10 minutes to move 63% of full scale
Dimensions: 1.4" x 1.1" x 0.5" (3.5cm x 2.8cm x 1.3 cm)
DicksonWare™ Version Required: 7.5.0

Description	Order #	Price
Temperature & Humidity Data Loggers (12 pack)	**TK500**	$899
Temperature Only Data Loggers (12 pack)	**SK500**	$499
High Accuracy Temperature & Humidity Data Logger (Single Logger)	**TK180**	$159
High Accuracy Temperature Data Logger (Single Logger)	**SK180**	$89
DicksonWare™ Software & Serial Download Cable	**A015**	$79
DicksonWare SECURE Software & Serial Download Cable (21CFR11 Compliant)	**A025**	$199

Calibration Options	Order #	Price
NIST Traceable Calibration 3-pt. (new unit)*	**N300**	$149
NIST Traceable Calibration 1-pt. (new unit)*	**N100**	$99
A2LA Accredited Calibration 3-pt. (new unit)*	**N400**	$259
IQOQ Validation Package	**N525**	$400

*Calibrations are per unit



Our most compact data logger ever! It's slightly larger than a quarter so you can put this data logger just about anywhere. Available in cost effective 12 packs (SK500/TK500) or sold individually with ±1.2°F temperature accuracy (SK180/TK180). Monitor goods in storage or while in transit. They are great for evaluating HVAC/R system performance.

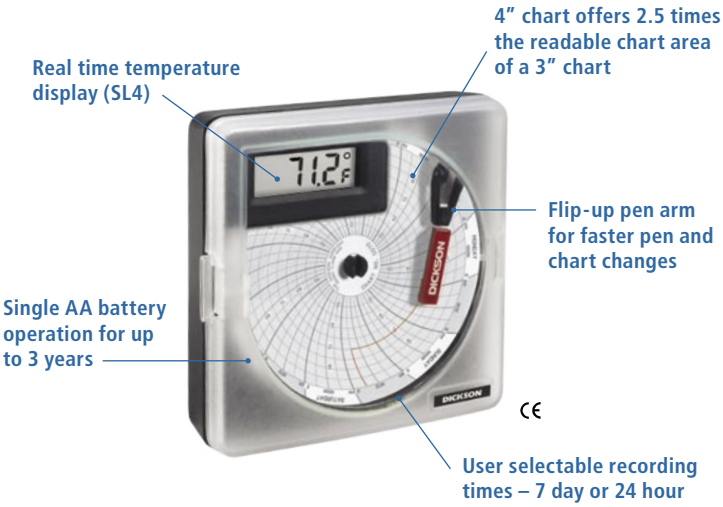
SK180/TK180 Feature ±1.2°F Temperature Accuracy



SK500

TEMPERATURE CHART RECORDERS - OPERATE ON ONE "AA" BATTERY

SK4 & SL4 | **4" TEMPERATURE CHART RECORDERS** | **From $199**





Our most popular and easiest to use temperature chart recorders ever! So dependable, we even offer a vaccine storage model that complies with the Centers for Disease Control and Prevention recommendations – the VFC70.

SPECIFICATIONS

Temperature Accuracy: ±2% of full scale
Dimensions: 5.2" x 5.2" x 2.4" (13.2 cm x 13.2 cm x 6.1 cm)
Free with Instrument: 1 "AA" battery, pen, & starter pack of 7 day charts

ORDERING INFORMATION

Temperature Range	Recording Time	Order # (Display) SL4	Price	Order # (No Display) SK4	Price	7 Day Chart	24 Hour* Chart	Price
-20 to +120°F	7 day or 24 hr.	**SL4120F7**	$229	**SK4120F7**	$199	**C017**	**C015**	$24
0 to +100°F	7 day or 24 hr.	**SL4100F7**	$229	**SK4100F7**	$199	**C012**	**C010**	$24
+45 to +90°F	7 day or 24 hr.	**SL490F7**	$229			**C070**	**C090**	$24
-30 to +50°C	7 day or 24 hr.	**SL4350C7**	$229	**SK4350C7**	$199	**C181**	**C180**	$24
0 to +70°F	7 day	**VFC70**	$249			**C203**		$24

*24 hour charts must be ordered separately

ACCESSORIES / NIST CALIBRATIONS

Description	Order #	Price
NIST Traceable Calibration 3-pt. (new unit)	**N300**	$149
NIST Traceable Calibration 1-pt. (new unit)	**N100**	$99
A2LA Accredited Calibration 3-pt. (new unit)	**N400**	$259
Pens (6 red)	**P222**	$36

(See page 11 for Cases)

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