

ARTISAN®
TECHNOLOGY GROUP

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Artisan Technology Group
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Find the *Dillon / Quantrol GTS-1000* at our website: *Click HERE*

GS/GTX Force Gauges
SPECIFICATIONS

Quantrol™

Specifications:

GS & GTX

Capacity range: 9 Models, 5 N to 2500N
(see charts below)

	GS	GTX
Accuracy	0.2% cap.	0.1% cap
Resolution	2500 divs.	5000 divs.
Effective peak data capture	0.1 sec.	0.005 sec.
A/D rate	1000 Hz	2000 Hz

Functions: GTX also has database, statistics, date/time, pass/fail, reverse display and backlight

Tension/compression testing: Both

Overload protection: 120% minimum

Power: Rechargeable battery or AC charger

Display type: Dot graphic LCD

Data collection: RS-232

Weight: 27 oz (775 g) 500N and below
37 oz (1060 g) 1000N and above

Operating temperature: 60º – 95ºF (15º – 35ºC)

Includes: Hook, plate, extension rod, carry case, batteries, charger, user's manual, calibration certificate

Load bar: Shows load percentage to minimize overloads

Battery charge: 20 hour operation from full charge

Accessories available: Universal test stand mounting plate, serial cable, software, quick couplers and adapters, test stands, popular grip assortment

Warranty: Two year parts and labor.

Model GS Capacity and Divisions

	mN	N	kN	g-f	kg-f	oz-f	lb-f
GS005	5000 x 2	5 x 0.002	-	500 x 0.2	0.5 x 0.0002	17.5 x 0.01	1.1 x 0.0005
GS010	10000 x 5	10 x 0.005	-	1000 x 0.5	1 x 0.0005	35 x 0.02	2.2 x 0.001
GS025	25000 x 10	25 x 0.01	-	2500 x 1	2.5 x 0.001	87.5 x 0.05	5.5 x 0.002
GS050	50000 x 20	50 x 0.02	-	5000 x 2	5 x 0.002	175 x 0.1	11 x 0.005
GS100	-	100 x 0.05	-	10000 x 5	10 x 0.005	350 x 0.2	22 x 0.01
GS250	-	250 x 0.1	-	25000 x 10	25 x 0.010	875 x 0.5	55 x 0.02
GS500	-	500 x 0.2	-	50000 x 20	50 x 0.02	1750 x 1	110 x 0.05
GS1K0	-	1000 x 0.5	1 x 0.0005	-	100 x 0.05	-	220 x 0.1
GS2K5	-	2500 x 1	2.5 x 0.001	-	250 x 0.1	-	550 x 0.2

Model GTX Capacity and Divisions

	mN	N	kN	g-f	kg-f	oz-f	lb-f
GTX005	5000 x 1	5 x 0.001	-	500 x 0.1	0.5 x 0.0001	17.5 x 0.005	1.1 x 0.0002
GTX010	10000 x 2	10 x 0.002	-	1000 x 0.2	1 x 0.0002	35 x 0.01	2.2 x 0.0005
GTX025	25000 x 5	25 x 0.005	-	2500 x 0.5	2.5 x 0.0005	87.5 x 0.025	5.5 x 0.001
GTX050	50000 x 10	50 x 0.01	-	5000 x 1	5 x 0.001	175 x 0.05	11 x 0.002
GTX100	-	100 x 0.02	-	10000 x 2	10 x 0.002	350 x 0.1	22 x 0.005
GTX250	-	250 x 0.05	-	25000 x 5	25 x 0.005	875 x 0.25	55 x 0.01
GTX500	-	500 x 0.1	-	50000 x 10	50 x 0.01	1750 x 0.5	110 x 0.02
GTX1K0	-	1000 x 0.2	1 x 0.0002	-	100 x 0.02	-	220 x 0.05
GTX2K5	-	2500 x 0.5	2.5 x 0.0005	-	250 x 0.05	-	550 x 0.1

Software Specifications:

Operating systems:
98/2000/NT/XP designed. XP tested.

Easy set-up: No confusing baud, bits, parity configuration required.

Documentation: Electronic

Q-GRAPH GRAPHING SOFTWARE

Data acquisition: 0.02 to 10 Hz

Plots: Load vs. time

Distance vs. time (with speed conversion factor)

Export: Single button export to Excel

Compatibility: GTX and GS Gauges

Q-DATA STATISTICAL SOFTWARE

Input: Individual readings or database dump

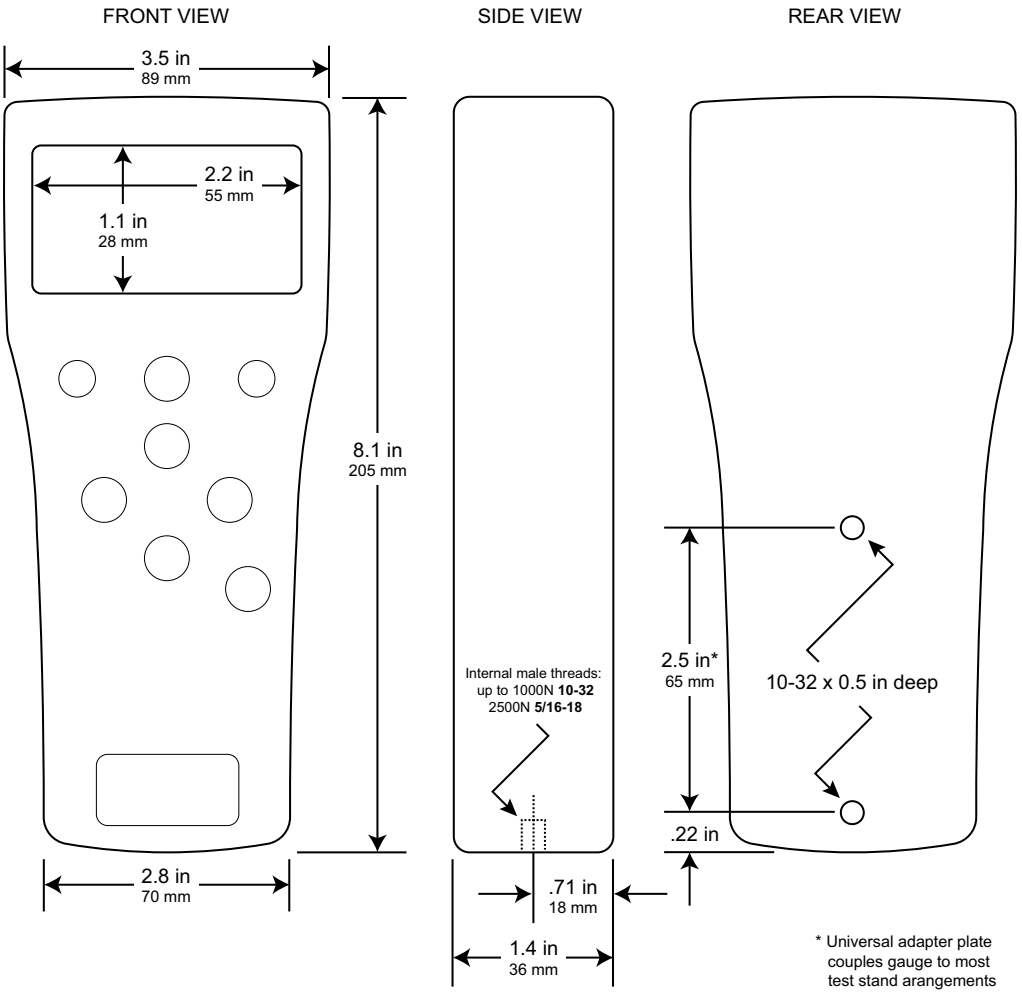
Fields: Record #, tension/compression flag, force, unit, date, time

Statistics: Minimum, maximum, mean, standard deviation, coefficient of variance, pass count and %, fail count and %.

Compatibility: GTX and GS Gauges
(Database dump compatible with GTX only)

Export: Single button export to Excel

Dimensions



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