

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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Find the *Edmunds E-5809000* at our website: *Click HERE*

Specifications

Accu-Setter™

Dimensions	2.5”w x 10.12”d x 21.83”h (63.5 x 257 x 556mm)
Weight	10.5 lbs. (4.75Kg)
Power Requirements	110-240VAC 50/60Hz
Output	Serial RS-232 or ±2.5VDC electronic (Full Scale), ±1.67VDC air (Full Scale)
Display	101-point L.E.D. bargraph and 8-character .200”h (5mm) alphanumeric display
Available Modules	Mainframe E9000 2 input Electronic E9010 4 input Electronic E9020 1 input Air-Electronic E9030 2 input Air-Electronic E9040

Full Scale Ranges/Resolution in.		Full Scale Ranges/Resolution mm	
.0002	.000002	.005	.00005
.0005	.000005	.01	.0001
.001	.000010	.02	.0002
.002	.000020	.05	.0005
.005	.000050	.10	.001
.010	.0001	.20	.002
.020*	.0002	.50*	.005
.050*	.0005	1.00*	.010

Trendsetter™

Dimensions	2.5”w x 9.0”d x 21.25”h (63.5 x 229 x 540mm)
Weight	9.75 lbs. (4.4Kg)
Power Requirements	100-240VAC 50/60 Hz
Output	±2.5 Volt (Full Scale)
Display	101 point L.E.D. bargraph
Available Modules	Mainframe E8000 Air-Electronic E8023 or E8023H Electronic E8032 or E8032B Sum-Difference-Average E8026 T.I.R. E8024 or E80124 Limit Lights E8001 or E8011 Multi-Point Classifier E8007 Force E8051

Full Scale Ranges/Resolution in.		Full Scale Ranges/Resolution mm	
.0005	.000005	.01	.0001
.001	.000010	.02	.0002
.002	.000020	.05 (.04)*	.0005 (.0004)*
.005	.000050	.10	.001
.010	.0001	.20	.002
.020*	.0002	.40*	.004

For electronic applications only

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FAX (860) 677-4243
www.edmundsgages.com

Column Amplifiers



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Accu-Setter™

Computerized For Versatility And Accuracy

The Accu-Setter™ microprocessor column from Edmunds Gages is among the most sophisticated and advanced in the industry with many helpful features and reliable, day-in day-out, shop floor performance. Its microprocessor base offers versatility, accuracy, memory, and the ability to download valuable information to a data collector, PC, or printer.

Many Columns In One Saves Bench Space And Column Investment

The Accu-Setter combines the performance capability of several amplifiers into one simplified, flexible unit. It may be configured for up to four checks. Up to four gages can be used simultaneously or one gage can make four different checks. Sizes, squareness, match gaging, or taper are easily gaged on the Accu-Setter. Results are indicated as good or over/under, variable deviations from a nominal, or as absolute numbers.

Multiple columns can be interconnected using the analog ports to a column using a 9010 module to provide greater flexibility in displaying results.

The Operating Choices

With the Accu-setter, you can get a variety of operating modes, including:

Electronic – for gaging with up to two electronic gage heads (module E9010) or up to four gage heads (E9020).

Air-Electronic – for gaging with one air input (E9030) or up to two air inputs (E9040)

Single Button Control Makes It Easy To Operate

With the Accu-Setter, virtually all operations are controlled by a single button. Simply rotate to view and push to select. An easy-to-read L.E.D. alphanumeric display prompts you step-by-step through setup and gaging functions. An L.E.D. bargraph and ancillary indicators provide at-a-glance monitoring of part measurement without the need for special outboard devices.

In sum, no other column gage offers you as much technology at such a competitive price. Read on for more details.

Trendsetter™

Setup Simplicity And Expansion Capabilities Are Its Hallmarks

The Trendsetter™ is an analog column amplifier that is so simple to setup, it's ideal for small gaging lots that require quick changeover. With a wide range of plug-in modules to enhance its capabilities, the Trendsetter is the perfect solution for many of our customers. Many opt to connect two or more together for time saving convenience.

Multiple columns can be interconnected using the analog ports to buss signals over the (IO) matrix lines to provide greater flexibility in displaying results.

The Operating Choices

With the Trendsetter, you also get versatility in the form of solid state plug-in modules, including:

Electronic – for gaging with one or two electronic gage heads. Card mounted jumpers set polarity of each head. Matrix and enabling jumpers on card permit fast, easy routing of gaging signals between multiple columns. (E8032 or E8032B–long range)

Air-Electronic – lets you use the column as an air gage with electronic readout. Works with any type of air tooling. Its high efficiency, compact transducer works differentially for drift-free operation. (E8023 or E8023H–high magnification)

Sum-Difference-Average – has six inputs and six ranges with internal matrix switch so you can quickly setup any combination required. Equipped with inch/metric range selector. (E8026)

T.I.R. – Total Indicator Reading switches zero reading to bottom of scale, converting column to check eccentricity or run-out. Workpiece has to rotate only one revolution. Also allows +peak, -peak, average and bypass. (E8024 or E80124–high speed)

Limit Lights – provides precise indication of good or over/under or approach classifications. Limits are adjustable over full gaging range. Panel switch has automatic position for holding gaging signal until resets externally. (E8001 or E8011)

Multi-Point Classifier – two character digital display showing classification of each part as it is gaged. These are preprogrammed or Edmunds will program to your specifications and can include any of 12 alpha characters. Front panel adjustment spaces display categories over wide range to suit requirements. Front panel connector provides external interface when ordered with optional EPROM. (E8007)

Force – allows single channel load cell input with five ranges. Specific ranges are provided to suit the application. (E8051)

Learn more about the Trendsetter inside.



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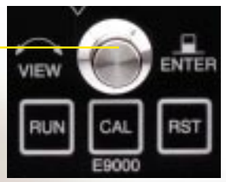
Bright, Continuous Flow 10" L.E.D. Bargraph Display



Illuminated Range Indicators
Help users quickly identify the selected 8 inch or 8 millimeter scale range choices.



Alphanumeric Display
Provides easy-to-read message prompting and reports measurements in absolute size or deviations.



Single Button Operation
One button control eliminates confusion and complications common to other columns. Just rotate to view and push to select. Clearly labeled push-buttons are provided for programming and automatic calibration.



Heavy-Duty Reinforced Aluminum Housing
Suitable for shop floor use.

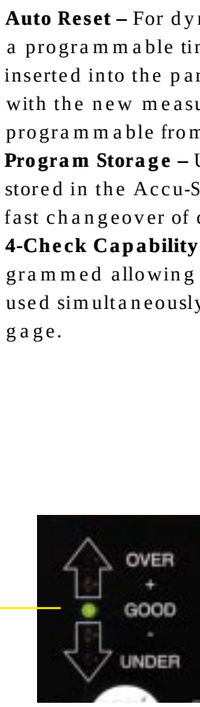
Upload/Download Package
Permits loading of setups programmed offline on a personal computer. Also allows remote operation of Accu-Setter from personal computer. Ideal for multiple column applications. Gaging data may be downloaded to a data collector, printer or PC.



Software Features
Auto Recognition – The Accu-Setter can identify which gage is being used in the multiple fixture program without manual intervention. For example, if there are two gages connected to the Accu-Setter, the system will automatically display the correct gage being used. The operator does not have to select the correct check to be displayed. The system also does the same during the calibration procedure.
Auto Reset – For dynamic gaging, this feature allows a programmable time delay after the tooling is inserted into the part before the displays are updated with the new measurement. The time delay is programmable from 1 to 7 seconds.
Program Storage – Up to 8 part programs can be stored in the Accu-Setter software program allowing fast changeover of different setups.
4-Check Capability – Up to 4 checks can be programmed allowing up to 4 individual gages to be used simultaneously, or 4 different checks with one gage.

Rear View of Accu-Setter





Limit Lights
Precise incremental limit lights indicate a part's measurement status. Selectable illumination of up to 5 discrete limit lights provide flexibility for each feature being checked. When Accu-Setter is configured for multiple checks, limit lights function as overall status indicators for all checks simultaneously. Selectable classes can be chosen for part segregation.



External Control Module E9100
Allows single point data offload, dynamic reading reset or calibration of multiple column setups.



E9010
2-channel electronic

E9020
4-channel electronic

E9030
1-channel air-electronic

E9040
2-channel air-electronic

Modular Construction
Edmunds Gages offers interchangeable signal conditioning modules with 2 or 4 input electronic and 1 or 2 input air-electronic inputs.

Accu-Setter™ Features

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Trendsetter™ Features



External Control Module E8204
Relay interface column provides switch closure to signal an external device from a Trendsetter with limit lights. A single point dynamic reading reset of multiple column setups is also provided.



Rear View of Trendsetter

Universal Power Connector
100-240 VAC 50-60Hz

Analog Connector (25 pin)

LVDT Connection

Air Filter Regulator

Bright, Continuous Flow Bargraph
Indicating column has 101 active elements



Heavy-Duty Reinforced Aluminum Housing

Adjustable mechanical Pointers
provide a visual reference of the part tolerance.

Digital Scale Display
Change automatically to show the center and major divisions of the full range selected.



Upper Bay Modules



E8024
TIR



E8011
5 Limit Lights



E8001
3 Limit Lights



E8007
Classifier



E8005
Blank Cover

Upper bay modular construction provides 5 interchangeable options

Range Indicator
Front panel switch selects one of multiple operating ranges in each mode.



Inch/Metric Scale Indicator
Card-mounted jumper selects scale type.

Lower Bay Modules



E8032B
Long Range Electronic



E8051
Force



E8032
Electronic



E8023
Air-Electronic



E8023H
High Mag. air-electronic



E80124
High Speed



E8026
Sum / Difference

Lower bay modular construction provides 7 interchangeable options



Air Magnification
Card-mounted jumper selects either low, medium, or high magnification.

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Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

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Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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