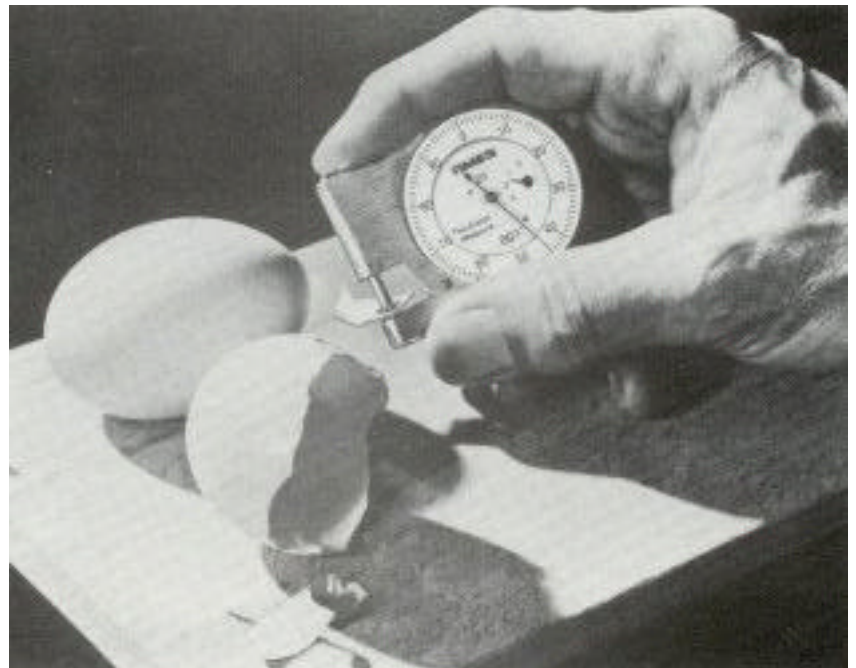


Quality Control for Poultrymen

Egg Shell
Thickness Measure

Model 25-5



Eggs with shells that are too thin to stand up under normal handling conditions cost poultrymen thousands of dollars every year. The AMES Thickness Measure, Model 25-5, provides you with a means of accurately knowing when shell thickness is becoming marginal and susceptible to breakage if allowed to continue.

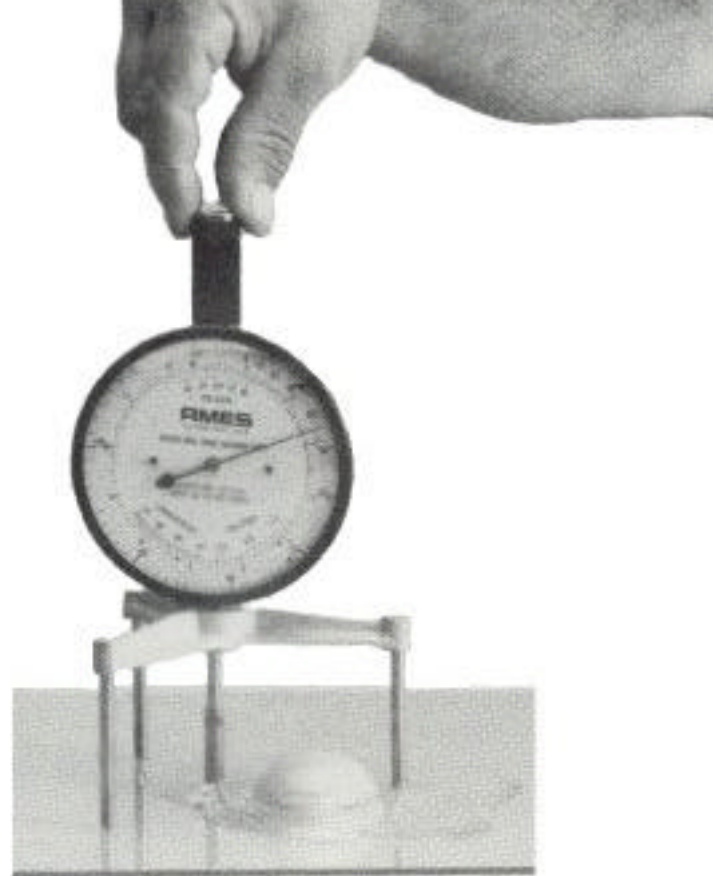
Model 25-5 is especially designed to measure egg shell thickness quickly and accurately. It has rounded contacts so you can measure without error at any point on the curved surface of the shell. A large, easy to read dial shows you actual thickness in thousandths of an inch. A Metric dial can be substituted at the factory if you prefer to read out in hundredths of a millimeter.

Model 25-5, .001" Graduations, .312" Range
Model 25M-5, .001 mm Graduations, 7.9 mm Range

Both models are furnished with complete instructions for use.



S-6428



S-8400

Egg Quality Micrometers

For fast, accurate determination of interior egg quality by the Haugh Unit Method.

These two precision instruments, developed by B. C. Ames, enable you to measure quickly the height of the firm albumen envelope of broken out eggs and determine egg quality in Haugh Unit values.

More accurate than candling, this method makes it possible to identify top quality eggs, resulting in consistency.

Both Micrometers are basically the same except for the way in which Haugh Units are determined.

Model S-8400, Equipped with a special dial that enables you to set egg weight and then read Haugh Units directly

Model S-6428, Furnished with an easy to use calculator which converts millimeter readings of the Indicator into Haugh Unit values, as well as U.S.D.A. and Van Wagenen chart scores.

Models S-8400 and S-6428 provide equally accurate results. Both are shipped with complete instructions and are ready to use.

Pocket Thickness Measures

Watch size guardians of accuracy, known and trusted throughout industry and commerce.



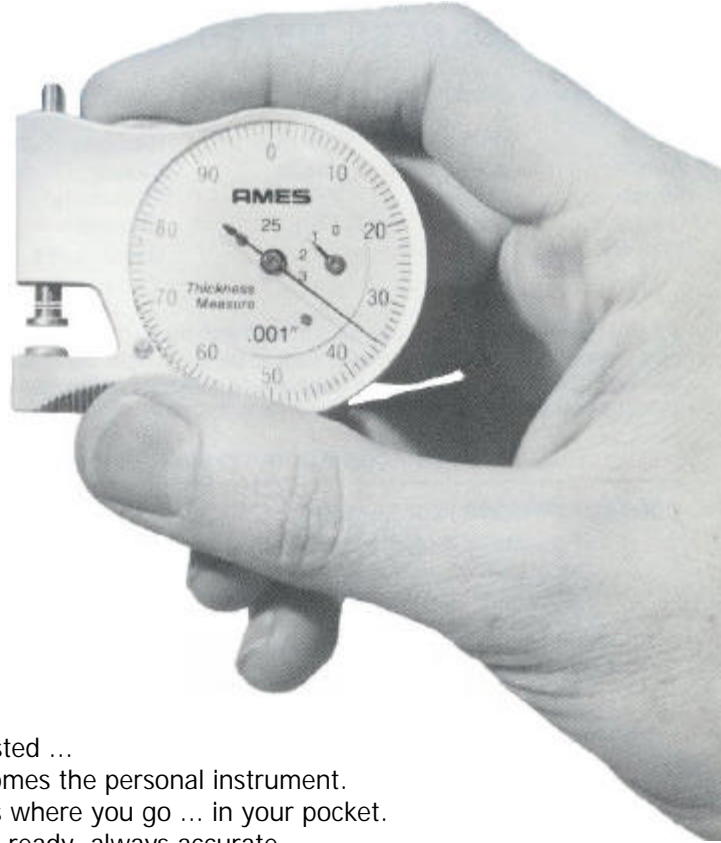
Slim as a pocket watch, only 1/2" front to back. Weighs only 2 ounces. Complete instructions furnished.

Wide choice of optional contacts (see over). Can be furnished with special dials (printed with customer name, special grads, etc.). Ask for details.

Long range models (series 27). English or Metric grads. Has 3/16" Diameter, flat contacts. Others available (see over).



Regular range Models (Series 25), furnished in a handsome protective case. For Long Range (Series 27) models, case is optional.



So trusted ...
It becomes the personal instrument.
It goes where you go ... in your pocket.
Always ready, always accurate.

1. Frame is precision cast, aluminum alloy. Rugged but so light the gage never tires operators performing hour after hour inspection. Contoured to fit comfortably in your hand. Serrated thumb grip assures non-slip positioning.
2. You have finger tip control of contact retraction. Move finger back slightly, upper contact is raised. Release serrated retraction wheel, contact seats on part or material under uniform spring pressure, free of operator influence.
3. Large dial has sharp, well defined graduations for unmistakable *direct* readings through clear, unbreakable crystal. Bright red count hand shows distance between contacts in tenths of an inch. Add reading of large hand to get direct reading of total dimension (.135" in illustration).
4. Spindle moves in very precise bearings, so the flat, .250" diameter contacts maintain parallelism accuracy. Other types of contacts available (see over).
5. Precise zero setting is easy. Turn slotted friction screw to rotate dial so zero aligns exactly with zero when contacts are closed.

SEE OVER FOR ADDITIONAL MODELS

B. C. Ames Incorporated

78 Stone Place
Melrose, MA 02176

Telephone : (781) 893-0095
(800) 438-4249

Ames Thickness Measures Are Versatile

They are used to check :

Paper
Rubber
Metal
Glass
Plastics

Wood
Veneers
Cordage
Sutures
Box Stock

Leather
Cloth
Film
Foil

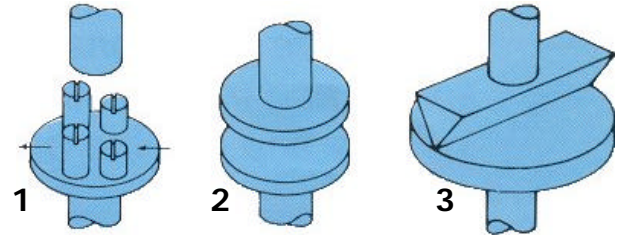
Ribbons
Fibers
Filaments
Threads
Membranes

Tissues
Sheets
Tubing
Tapes
Strips

Flat Stock
Round Stock
Square Stock
Hex Stock

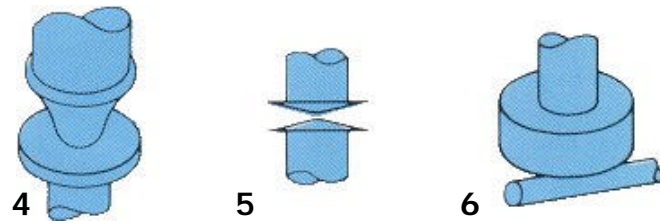
Ames Thickness Measures can be supplied with many different contact points to simplify measurement of specialized materials and parts. At right are a few of the many designs available. Point and spindle now have #4-48 thread. Two, closed spaced annular grooves at bottom of spindle identify units with this thread.

Specify Contact Option By Number



CONTACT OPTIONS FOR SERIES 25

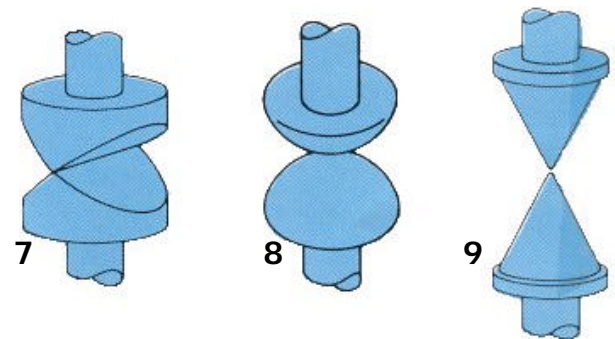
1. For sutures, thread, cordage, etc. Guide pins keep material between contacts for quick thickness or diameter checks along length
2. Extra wide, flat contact (1/2" diameter) for non-penetrating contact of slightly compressible materials
3. Provides line contact for checking strips, filaments, etc. without critical positioning. Radiused contour protects delicate materials. Reduces range to approximately .265"
4. For checking small parts so operator can observe point of contact. Point has .030" radius. Reduces range to approximately .212". Points available having smaller or larger radius
5. For point contact with curved or flat material. Contacts have 1/8" radius. Points with smaller or larger radii are available
6. For checking wall thickness of tubing having .055" diameter or larger. Rods as small as .030" diameter can be furnished.



Order By Option Number

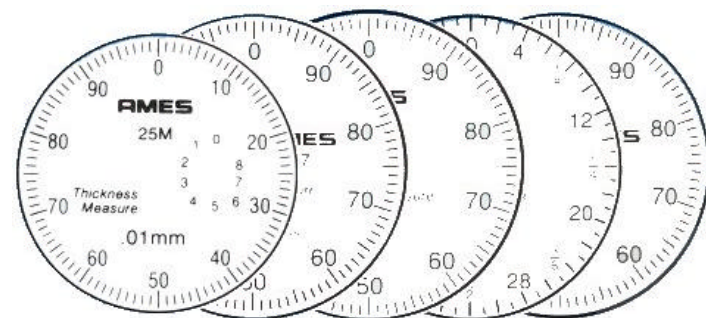
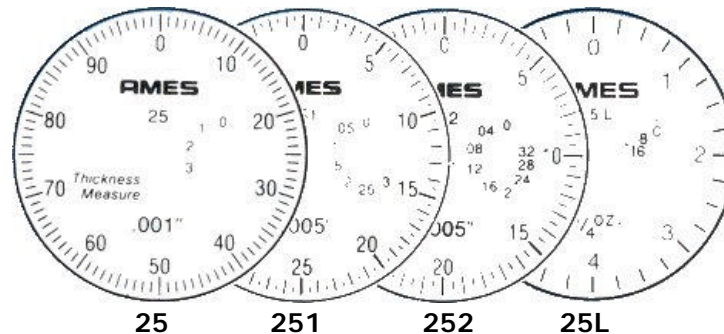
CONTACT OPTIONS FOR SERIES 27

7. Chisel blades, top and bottom, have .005" radiused edge. For small recesses, grooves, etc. Reduces range to approximately .968"
8. For point to point contact of curved or flat materials or parts. Contacts have .093" radius, do not restrict range
9. For small recesses or to check parts while observing point of contact. Points .005" radius. Reduces range to approximately .686"



Many Models To Choose From

Model	Minimum Grad	Range Per Rev.	Total Range	Throat Depth
25	.001"	.100"	.312"	.375"
251	.0005"	.050"	.312"	.375"
252	.0005"	.040"	.312"	.375"
25L	1/4 oz.	8 oz.	16 oz.	.375"
27*	.001"	.100"	1.00"	1.00"
27D10*	.010"	1.00"	1.00"	1.00"
27F*	1/64"	1.00"	1.00"	1.00"
25M	.01 mm	1.00 mm	7.9 mm	9.5 mm
27M*	.01 mm	1.00 mm	25.4 mm	25.4 mm



* Leather, snap button case optional extra

Specify model number and quantity
Order optional contacts by number.

25M 27 27D10 27F 27M

THE
LOGICAL
DIGITAL

MEASURING
INSTRUMENTATION



Model 5682/B1110



Model 135G/P1720

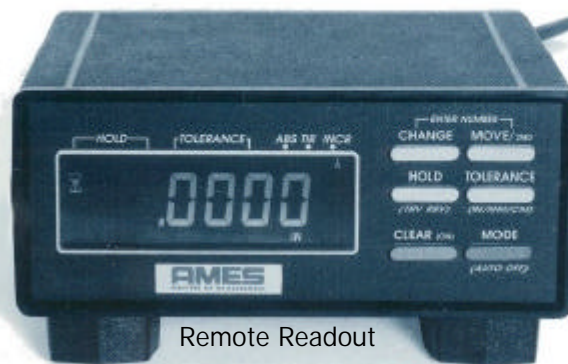
★ **Made In The U.S.A.**

PRESET
ABSOLUTE & TOLERANCE
GAGING

All Face Panels &
Bezel Diameters Are AGD2

3

- LOGIC™ MODELS
- POWER SOURCES
- SPC, SQC OUTPUTS



Remote Readout



Linear
Probe

LOGIC™ DIGITAL INDICATORS

Features Advanced CMOS Technology For Programmable Measuring Applications

A LOGIC™ Indicator to Meet Any Application Need

Logic electronic digital indicators can be used in a wide variety of applications, on all types of inspection and measuring stands, even in your hand. All indicators feature large, easy-to-read LCD displays that offer a clear view of the reading.

STANDARD FEATURES

10 Standard Resolutions Available:

.0005"/.001mm	.0005"/.01mm
.0001"/.002mm	.001"/.02mm
.00025"/.005mm	

User Selectable Resolution:

Other gage resolutions can be selected by the user, provided the resolution is coarser than the resolution of the gage originally purchased.

7 Measuring Ranges -Inch/Metric:

.060"/1.5mm	1.0"/25.4mm
.150"/3.8mm	2.0"/50.8mm
.250"/6.35mm	4.0"/101.6mm
.600"/15mm	

Data Output/Input Cables: With the selection of the proper output cable, Logic measuring instruments have the following outputs:

RS232 For direct interfacing to computers and serial printers

BCD Enhanced output system

MTI Interface directly to MTI data collectors and/or printers

Remote Functions Hold, Power input, and Clear are also provided at the Data I/O connection.

Note: Data output/input is automatically determined by the cable used.

3 Power Sources:

Replaceable Zinc Air Batteries. Environmentally safe (no cadmium, lithium, or mercury)

A/C Adapter. 110V or 220V 50/60 Hz. External. Through the Data Port (Regulated 5VDC).

ALL Face Panels & Bezel

Diameters are AGD2

- ? Case Body AGD2 Up to .600" Range
- ? Case Body AGD3 Up to 1.000" Range
- ? Extended Case Design for 2" & 4" Range

2" & 4" range models available with stem mounting adapter. (Order ADA-0023).

ALL Logic Series Indicators may be adapted to REMOTE Readout.

See "Readout Only" Note.



Up to .600" Range

Up to 1.000" Range

Rotating Bezel : Throughout 270 Degrees

LOGIC™ - BASIC

The standard features in this series include:

- Incremental measuring mode
- 7 measuring ranges of .060" to 4.0"
- Inch/Metric display conversion
- Travel reverse
- Auto off (after 10 min. inactivity)
- Floating zero
- Rotating bezel
- Low battery warning
- Large direct drive LCD display
- Available in 10 resolutions
- 3 SPC data output formats
- Measuring system of either English or Metric
- Maximum reading hold
- User selectable resolution
- 3 power sources
- Internal and external serial numbers

LOGIC™- PLUS

Gages include all features found in the Logic -Basic Series, plus the following additional features:

- Absolute/Preset measuring mode
- Minimum reading hold
- User tolerance preset (high and low)
- T.I.R. measuring mode
- Display/freeze reading hold
- Feature lock

LOGIC™- OEM

The Logic -OEM Series allows the customer to define a gage to meet unique application requirements. Thus, the Logic -GEM Series is ideally suited for custom and GEM applications. The staff stands ready to assist you in custom-tailoring specific requirements.

Measuring System consists of a digital readout and a LINEAR probe implementing all of the features of the Logic -Plus Series

Readouts with base resolution of either:

.00005"/.001mm or .0001"/.002 mm

User-selected to:

.00025"/.005mm, .0005"/.01mm or .001"/.02mm

Power Sources Available:

110 volt 50/60 Hz
220 volt 50/60 Hz
Battery Operation or A/C Adapter
(without backlight)

Readout Only: The standard Logic Series of indicators with the use of a special cable (PIN ADA-0022) can also be used with the remote readout, provided indicator and remote are at the same base resolution. This is ideal where an extra large display is of benefit.

Additional Uses: This remote can also be adapted for use with any device that outputs quadrature square waves and can operate on a 5VDC regulated power supply.

Customized Applications

Special Measuring Ratios: Gages can be programmed at the factory with ratios such as 4:1 (i.e., spindle moves .250", display reads 1.0"); 1 :4; 10:1; even 3.12:1. Multiple ratios may even be included on a single gage. Multipliers from .01 to 99.9 and inverse equivalents offer endless possibilities for creating special purpose gages.

3 Units of Measurement: Three units of linear measurement are available; all three may be defined by the customer. Example: Inch, Millimeter, and Centimeters. ...or Pounds, Newtons, and Kilograms. A gage can also be programmed to measure diameter, radius, and circumference.

Custom LCDs and Graphics: Special LCDs and graphics on request.

Full Metric: Designed specifically for markets outside the U.S. Features an Bmm stem, flat back, metric spindle threads (ISO m2.5), and Metric glass scale measuring system. All other design features are the same as standard Logic Series indicators.



Digital Indicators

Range	Res.	Basic Model	Plus Model
.060	.001	ABD-1300	APD-1300
.060	.0005	ABD-4300	APD-4300
.060	.00025	ABD-5300	APD-5300
.060	.0001	ABD-2300	APD-2300
.060	.00005	ABD-3300	APD-3300
.150	.001	ABD-1400	APD-1400
.150	.0005	ABD-4400	APD-4400
.150	.00025	ABD-5400	APD-5400
.150	.0001	ABD-2400	APD-2400
.150	.00005	ABD-3400	APD-3400
.250	.001	ABD-1500	APD-1500
.250	.0005	ABD-4500	APD-4500
.250	.00025	ABD-5500	APD-5500
.250	.0001	ABD-2500	APD-2500
.250	.00005	ABD-3500	APD-3500
.600	.001	ABD-1600	APD-1600
.600	.0005	ABD-4600	APD-4600
.600	.00025	ABD-5600	APD-5600
.600	.0001	ABD-2600	APD-2600
.600	.00005	ABD-3600	APD-3600
1.000	.001	ABD-1110	APD-1110
1.000	.0005	ABD-4110	APD-4110
1.000	.00025	ABD-5110	APD-5110
1.000	.0001	ABD-2110	APD-2110
1.000	.00005	ABD-3110	APD-3110
2.000	.001	ABD-1720	APD-1720
2.000	.0005	ABD-4720	APD-4720
2.000	.00025	ABD-5720	APD-5720
2.000	.0001	ABD-2720	APD-2720
2.000	.00005	ABD-3720	APD-3720
4.000	.001	ABD-1820	APD-1820
4.000	.0005	ABD-4820	APD-4820
4.000	.00025	ABD-5820	APD-5820
4.000	.0001	ABD-2820	APD-2820

2" & 4" Range

Any combination of the features found in either the Logic-Basic or Logic-Plus Series, can be provided. Please specify requirements when ordering. In addition, the Logic-OEM Series can be ordered with:

Instrument Specifications

Accuracy	± One Resolution			Digit Size, Gage	.305 High
Quantizing Error	± One Count			Digit Size, Readout	5/8" High
Normal Measuring Force at Breakaway	80 Grams 1.0" Or Less	190 Grams 2.0" Range	280 Grams 4.0" Range	Data Output	RS232, MT1, BCD
Total Weight	6 oz. 1.0" or less	16 oz. 2.0" Range	23 oz. 4.0" Range	Power Sources	Replaceable Air Zinc Batteries, A/C Adapter, or External through data port.
Operating Temperature	40° – 105° F			Absolute / Preset	LOGIC PLUS Only
Spindle Speed	15" Per Second			T.I.R.	LOGIC PLUS Only
Min. Force w/Constant Wt.	50 Grams 1.0" Or Less	40 Grams 2.0" Range	50 Grams 4.0" Range	Hold Feature	LOGIC BASIC Max. Hold; LOGIC PLUS Max., Min., & Freeze Hold
Response Speed	Immediate			Rotating Bezel	Yes
Contact Point	¼ Radius			Inch Metric Conversion	Yes
Mounting Back	Center Lug Back	Adjustable Lug Back		Resolutions English	.001", .0005", .00025", .0001", .00005"
				Resolutions Metric	.02mm, .01mm, .005mm, .002mm, .001mm
				Tolerances	LOGIC PLUS High & Low Presettable

Remote Readout

LCD Display: Large 5/8 high green digits, backlighted



Linear Probe



Probe accuracy of either .00005 or .0001
Measuring ranges:
.060"/1.5mm
.150"/3.8mm
.250"/6.35mm
.600"/15mm
1.0"/25.4mm
2.0"/50.8mm
4.0"/101.6mm

All Indicators Include: (unless otherwise specified)

- Four Air Zinc Batteries (AC Adapter Optional)
- #4-48 x V4 L, Spherical Tip Contacts
- Convertible Hor.Vert. Lug Back
- Top Dust Cap (AGO 2 & 3 only)

Basic Modifications and Accessories are listed in Catalog Price Sheet Dimensional Drawings Available on Request

Remote Readouts

Max. Res.	Power	Model
.0001	110V	ARD-2030
.0001	220V	ARD-2031
.0001	Battery	ARD-2050
.00005	110V	ARD-3030
.00005	220V	ARD-3031
.00005	Battery	ARD-3050
.002mm	220V	ARD-2041
.001mm	220V	ARD-3041

Linear Probes

Range	Res.	Model
.060	.0001	ASD-2300
.060	.00005	ASD-3300
.150	.0001	ASD-2400
.150	.00005	ASD-3400
.250	.0001	ASD-2500
.250	.0005	ASD-3500
.600	.0001	ASD-2600
.600	.00005	ASD-3600
1.000	.0001	ASD-2110
1.000	.00005	ASD-3110
2.000	.0001	ASD-2720
2.000	.00005	ASD-3720
4.000	.0001	ASD-2820

Linear Probe includes 6' cable to Remote Display. Optional 6' extension available, Order #ADA-0001. Maximum separation -12'

LOGIC™ Digital Bench & Hand-Held Instruments

★ Made In The U.S.A.

The gages depicted represent a small portion of the Ames Digital Product Line. Models tabulated include LOGIC™ Basic or Plus features.

Digital Comparators



Models
#2-B1500
#2-P1500

Cast "C" Frame Assures Fixed Settings



Models
#3-B1500
#3-P1500

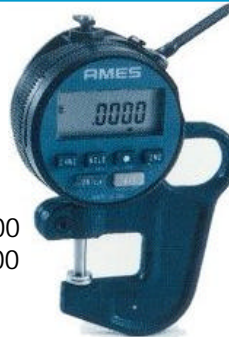
Column Mounted Indicator Increases Gage Capacity

DIGITAL COMPARATORS

Basic Model	Plus Model	Grads	Range	Contact Diameter	Throat
#2 - B1500	#2 - P1500	.001"	.250"	3/8"	2"
#3 - B1500	#3 - P1500	.001"	.250"	3/8"	1 1/2"

Digital Micrometers

Traditionally Ames has produced a wide selection of Dial Micrometers offering a variety of resolutions, ranges, and throat depths up to 24"



Models
5612/B1600
5612/P1600

Models
5662/B1600
5662/P1600



Models
5682/B1110 - 5682/P1110
56122/B1110 - 56122/P1110
56182/B1110 - 56182/P1110

DIGITAL MICROMETERS

Basic Model	Plus Model	Grads	Range	C & A Diameter	Throat
5612/B1600	5612/P1600	.001"	1/2"	3/8"	1"
5662/B1600	5662/P1600	.001"	1/2"	3/8"	6"
5682/B1110	5682/P1110	.001"	1"	3/8"	8"
56122/B1110	56122/P1110	.001"	1"	3/8"	12"
56182/B1110	5612/P1110	.001"	1"	3/8"	18"

Digital Can Gage

This Can-End Depth Gage reads out in .001" resolutions over a .600" depth range with metric conversion. Precision ground (1/2" W x 9" L). Reference Bar. Conforms to CMI Voluntary Can Standard.

Order Model S-5101/P 1600 for Preset - Depths & Tolerance Dimensioning.



Model S-5101-B1600

Digital Feather Touch Gage

The Gage For Compressible Materials.

Foam rubber, etc. Large 1 1/4" Dia. Contacts distribute approximately 55 grams of gaging force. Reads out in .001" resolution over 1" range.

Order 63-281/P1110 for minimum reading HOLD or PRESET dimensioning.

Model 63-281/B1110



AMES
MASTERS OF MEASUREMENT

B.C. Ames Incorporated
78 Stone Place
Melrose, MA 02176

Telephone : (781) 893-0095
(800) 438-4249
Fax : (781) 647-3356

Website : www.bcames.com
Email : info@bcames.com



★ Made In The USA

Accu-Flow Air Gaging

For non-contact measurement of parts & materials ... in process or at the bench



Series AG-698 with Digital Indicator

The lowest cost, longest range non-contact system



Series AG-698 with Dial Indicator



Series AG-699 with Digital Sensor & Remote Readout

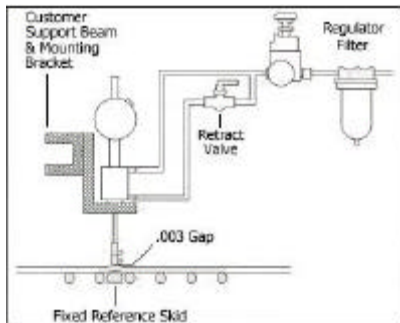


THE AMES ACCU-FLOW®

The AMES Accu-Flow® Air Follower system is unique. Unlike any other air gaging system, it incorporates a high force, pneumatic balancing arrangement which maintains a precise constant air gap between the nozzle and the work being measured. This nozzle motion is transferred to either a dial or digital indicator or cartridge probe.

FOR THE CONTINUOUS PROCESS:

Pneumatic servo operation permits the AMES Accu-Flow® system to measure on a day in, day out basis without ever touching the material, constantly and accurately indicating size changes and trends in thickness. It is the most easily installed system you can select (see diagram)



And because it's so economical, there is no high-cost problem to installing multiple followers (3" centers or less) to get indication of cross sectional contour. Using the AMES Digital Indicator or Digital Remote Readouts these followers offer endless

capabilities for either static or in-process control gaging through BCD, RS-232, etc. interfacing.

APPLICATIONS

Materials

Semiconductor Wafers
Optical Disks
Stripfelt
Woven Wool
Paper Coating
Medical Filter Paper
Polyethylene Sheeting
Adhesive Sheets
Rubber Extensions
Newspaper Mattes
Plastic Tubing
Insulation Paper
Plastic Strapping
Auto Seat Covering
Urethane Sheeting
Neoprene Strips

Parts

Printed Circuit Boards
Photo Film Holders
Ceramic Discs
Semi-Finished Lens Buttons
Finished Lenses
Video Cassette Cases
Diaphragm Capsules
Nuclear Component Profiles
Gum Capsules
Computer Memory Disks
Fiber Optic Lenses
Contact Lenses
Photographic Film
Missile Components
Leaf Springs

General Purpose,
non-contact comparator Model
AG-698-1008

For Bench Gaging

The AMES Accu-Flow® Air Follower is easily installed on most bench comparators, using a simple bracket to give you non-contact gaging capability for checking delicate piece parts. It has the added value of permitting long range retraction to clear deep lips, flanges, or other interferences on the part which make normal comparator set-ups impractical. A typical bench gaging application is shown.



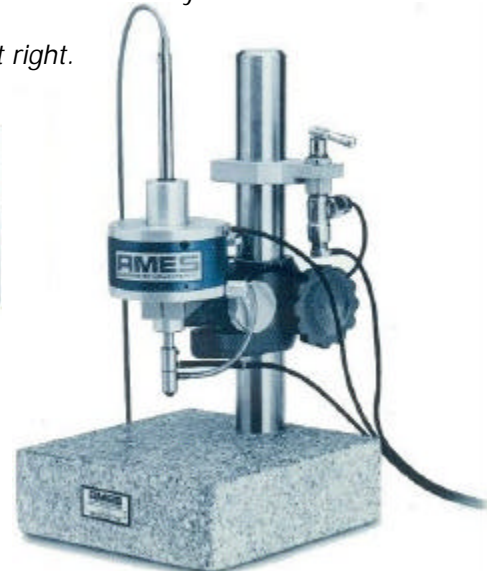
A Complete High Accuracy Non-Contact Gaging System

For use on materials too fragile, highly polished, or easily distorted for normal gaging. Includes: The AF-798-100 Air Follower, Digital Readout Amplifier, Cartridge Probe, Fine Adjustment, Column Mounted React Valve, and Granite Base Assembly.

Gaging Specifications at right.



Model AF-798-1006

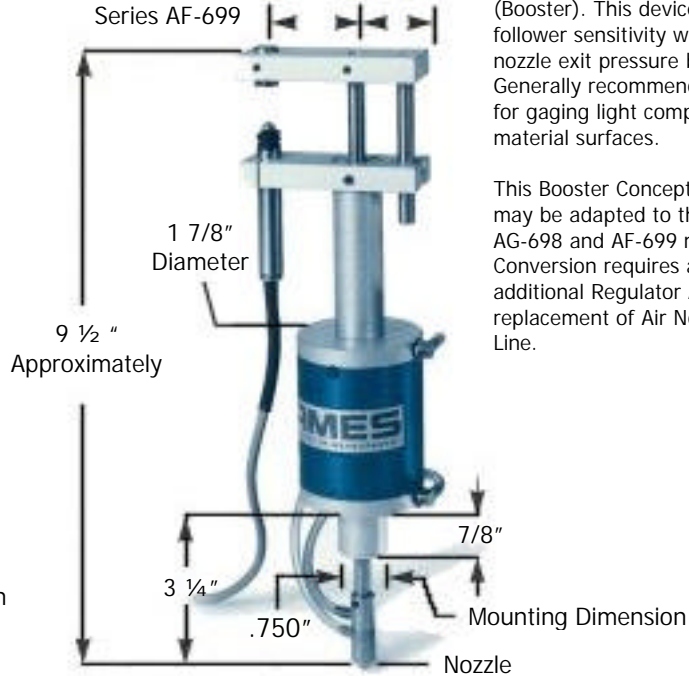
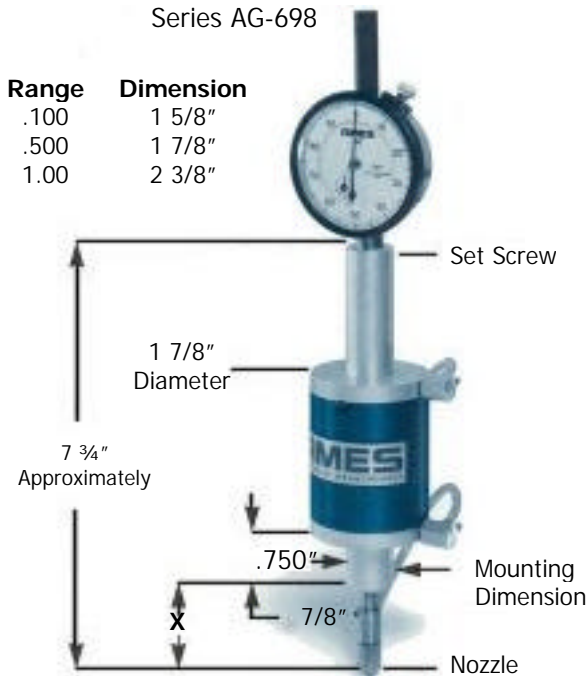


AIR FOLLOWER

Booster Models

The AG-698B and AF-699B Series are equipped with a pneumatic amplifier (Booster). This device increases follower sensitivity while reducing nozzle exit pressure below 1 psi. Generally recommended for gaging light compressed material surfaces.

This Booster Concept may be adapted to the basic AG-698 and AF-699 models. Conversion requires an additional Regulator Assembly, replacement of Air Nozzle and Hose Line.



The AG-698 Series Air Followers are designed for use with most any AMES Mechanical Dial or Digital Indicators with grads or resolutions to .001" (.02 mm) or .0005" (.01 mm) – up to 1" range.

This Air Follower Series is available in three retract ranges (.100", .500" and 1.000") to suit the gage-head range or a special application. The .100" range follower is often selected for gaging thin materials (films, paper, plastics, etc.). When equipped with a limited range (.100" or less) gage-head, this Follower, mounted in a rigid bench stand can offer .0001" (.002 mm) readouts under static gaging conditions.

Indicators can be positioned vertically or radially to meet a particular requirement

The AF-699 Series Air Follower also uses most any AMES Mechanical Dial or Digital Indicator with grads or resolutions to .001" (.02 mm) or .0005" (.01 mm). This design configuration is particularly ideal with gage-heads with very limited ranges such as Electronic Cartridge probes, applications requiring minimum grad values to .0001 (.002 mm) would be best applied to static gaging.

The following two design features are worthy of consideration for special applications.

1. Full 1" range Air Nozzle Retract regardless of the gage-head range.
2. Reduced overall Air Follower height.

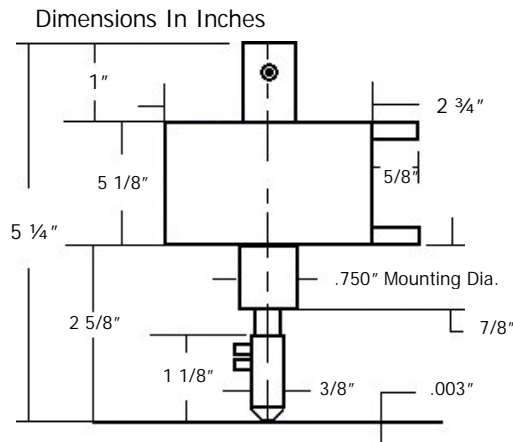
Higher Accuracy, Non-Contact Measurement With The AMES AF-798-100 System

The High Accuracy Air Follower operates on the same principal as the basic AG-698 & AF-699 series. However, a larger diameter air cylinder increases the piston's effective area giving greater controlled accuracy over the follower's full .100" range. This range is typical of the high accuracy readout devices normally used. Generally used for static gaging applications.

This AF-798-100 Series may be used with dial or digital indicators having .0001" or .00005" graduations or resolutions.

When equipped with an AMES #490 Electronic Cartridge Probe ($\pm .050"$ range) and the 122 Series Digital or Analog Amplifier, it is capable of repeatability to within .000010" and linear with 0.1% of total range. See Model AF-798-1006 which depicts a complete gaging system.

Series AF-798-100 with Dial Indicator



Model AF-798-100



Gaging Specifications AF-798-100

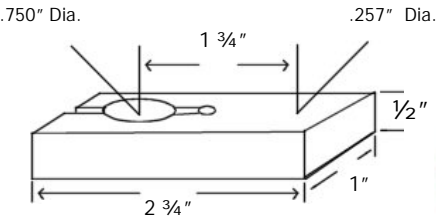
Total Range100"
Linearity Full Scale	to within .01%
Repetitive Accuracy	to within .000010"

All Readout Instrumentation portrayed, Bench Support Stands, or Mounting Components may be selected for purchase. REQUEST from a selection of available catalogs

Accessories & Attachments

Mounting Bracket

Furnished with each model.



No. AG-698-000004

Air Filter / Regulator

Furnished with each model. Can be installed wherever convenient.

Should connect to source of clean, dry air which has been treated, if necessary, to remove oil, water, sludge, and other liquid contaminants. Source Pressure – 50 to 100 psi.

See Price Sheet For Model Numbers

Retract Valve

Furnished with each model. To provide full range retraction. Can be located independently of the air follower or filter/regulator assembly.

No. 1-0312-00031
Valve Only



Foot Valve

Foot Valves (Push for Retract) or (Push to Measure) are available. Leaves operator's hands free to enter and exit materials being gaged.

See Price Sheet for model numbers



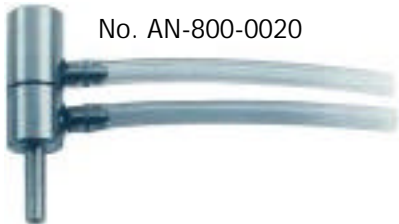
Contact Ski

If the material is woven or otherwise porous, the addition of a lightweight metal ski below the nozzle makes measurement practical and adds less than one gram of gaging pressure. Nozzle not included.



Nylon Foot

"Feather Touch" Nylon foot used to check thickness of highly compressible materials. Total gaging pressure is only .01 psi. Nozzle not included



No. AN-800-0020

Reduced Diameter Nozzle

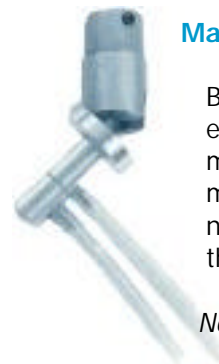
Reduced to 1/8" O.D. is ideal where access to the gaging surface is restricted. For Non-Booster Models Only.



No. AN-800-0014

Needle Nozzle

This .050" O.D. Needles is required where the gaging surface is less than 1/8" diameter/wide. For Booster Models Only.



No. AG-698-000010

Magnetic Breakaway Nozzle

Break-Away – Used where extreme variances in moving material thickness may injure a normal nozzle; i.e., blobs, multiple thicknesses, and seams.

Nozzle Not Included.



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Specifications	AG-698	AH-698B	AF-699	AF-699B	AF-798
Gaging Ranges (inches)	.100 .500 1.00	.100 .500 1.00	1.00	1.00	.100
Air Gap (inches)	.003	.003	.003	.003	.003
Exit Pressure (psi)	10.6	.9	10.6	.9	6.1
Gaging Force (grams)	14	1	14	1	8
Air Consumption (cfm)	0.4	0.4	0.4	0.4	0.4
Minimum Gaging Surface Width or Diameter (inches)	.125	.125	.125	.125	.125
Response (milliseconds) (to .010" size change)	50	=50	50	=50	