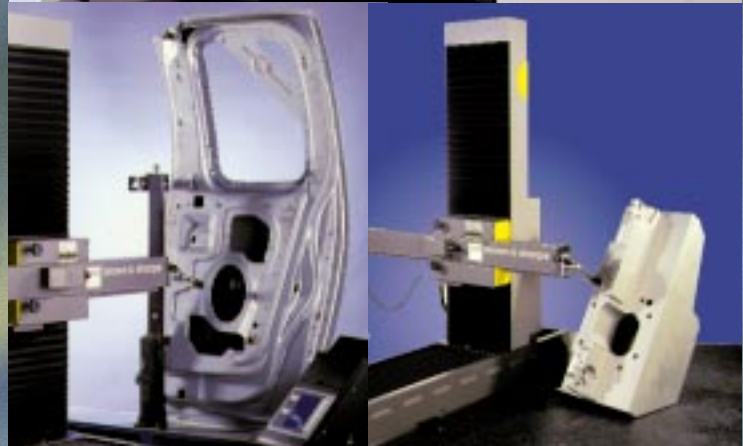


gage 2000H Measuring Station

*It will change the
way you measure*



CALCULATE THREE DIMENSIONAL RELATIONSHIPS
STATISTICAL ANALYSIS
REVERSE ENGINEERING
CONTOURING
LAYOUT INSPECTION
TOOL SETUP
SCRIBE COMPONENTS IN THREE DIMENSIONS

 brown & sharpe®

shaping the future of measurement

GAGE 2000H Measuring Station

The economical GAGE 2000 H measuring station combines inspection and marking-out capabilities in a single, easy-to-use coordinate measuring machine that's at home on the shop floor and tool room.

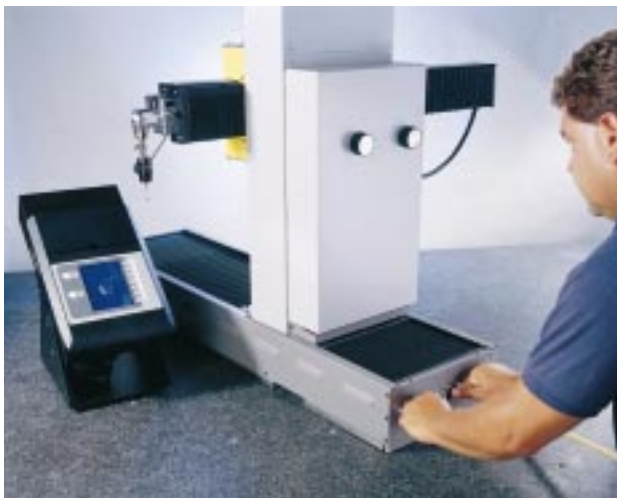
With GAGE 2000 H, you can quickly measure and calculate three dimensional spatial relationships of workpiece features, or perform statistical analysis, reverse engineering, contouring, layout inspection, tool setup, plus accurately scribe components in three dimensions.

GAGE 2000 H is easy to install. Its three-point mounting system makes it adaptable to any cast iron or granite surface plate.

Advanced Technology Features

Open architecture horizontal design, combined with an air-assisted floating base, lets you quickly reposition GAGE 2000 H around irregularly shaped parts and to accommodate parts larger than the 750 mm X 500 mm X 750 mm measuring volume.

- Single point, power-assist drive system allows semi-automatic 3D movement.
- 3-Button user interface moves with the machine, minimizing operator travel between the measuring machine and the computer and increasing measurement throughput.
- Each axis can be locked to restrict motion of the machine in one or two dimensions.
- Individual hand controls for each axis allow fine adjustment for measurement or scribing operations.
- 5-way touch trigger probe is interchangeable with optional mechanical scribe and center punch tooling.
- Integrated bellows and fixed covers protect GAGE 2000 H from harsh shop floor contaminants.
- Datum face for mechanical alignment during scribing and simple measurement applications.



Choose From Three Powerful Software Options

GAGE 2000 HR with REFLEX™ measuring software intuitively identifies geometric elements and calculates the dimensions and relationships of workpiece features automatically during the measuring process. With REFLEX software, GAGE 2000 HR can be used as a height gage, dial indicator or caliper, as well as a full-featured coordinate measuring machine with a manual scanning mode.

Store part programs on PCMCIA "Smart Cards" to speed repetitive measuring tasks. Transfer inspection programs from one GAGE 2000 system to another using Smart Cards for added inspection efficiency and flexibility.

GAGE 2000 H can be equipped with Brown & Sharpe TUTOR™ for WINDOWS™ or PC-DMIS™ for WINDOWS™ software.

All GAGE 2000 models include special measurement software routines to support inspection of thin-walled sheet metal parts such as automobile sub-assemblies, and die and mold machining operations.

Log on to www.gage2000.com for a personal interactive REFLEX demonstration.

Specifications

Measuring Range	X 750mm (29.5") Y 500mm (19.7") Z 750mm (29.5")
Performance	B89 volumetric 25 µm (0.00098") at 20+/-1°C Scribing accuracy 100 µm
Work Table	Customer supplied plate (minimum 900mm X 1500mm) 3' X 5'
Software	REFLEX (Standard)
Probing	Renishaw TP-ES (Standard) Hard Ball Probe
Environmental	General shop/tool room contaminants 15-40° C operating temperature window
Air Service	80 PSI, 3 SCFM consumption
Electrical	100-250 VAC, 47-63 Hz 0.65A maximum at 100 VAC
Weight	Approximately 600 lbs.
General	Air actuated brake Datum face on base plate for mechanical alignment reference Demo block
Options	TUTOR™ for WINDOWS™ software PC-DMIS for WINDOWS™ software MIP Granite plate (Grade B) with stand Dot matrix printer Scribe tooling Center punch tooling Universal head (shown in cover photo)

brown & sharpe™

GAGE 2000 Will Change The Way You Measure

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www.browncandsharpe.com