

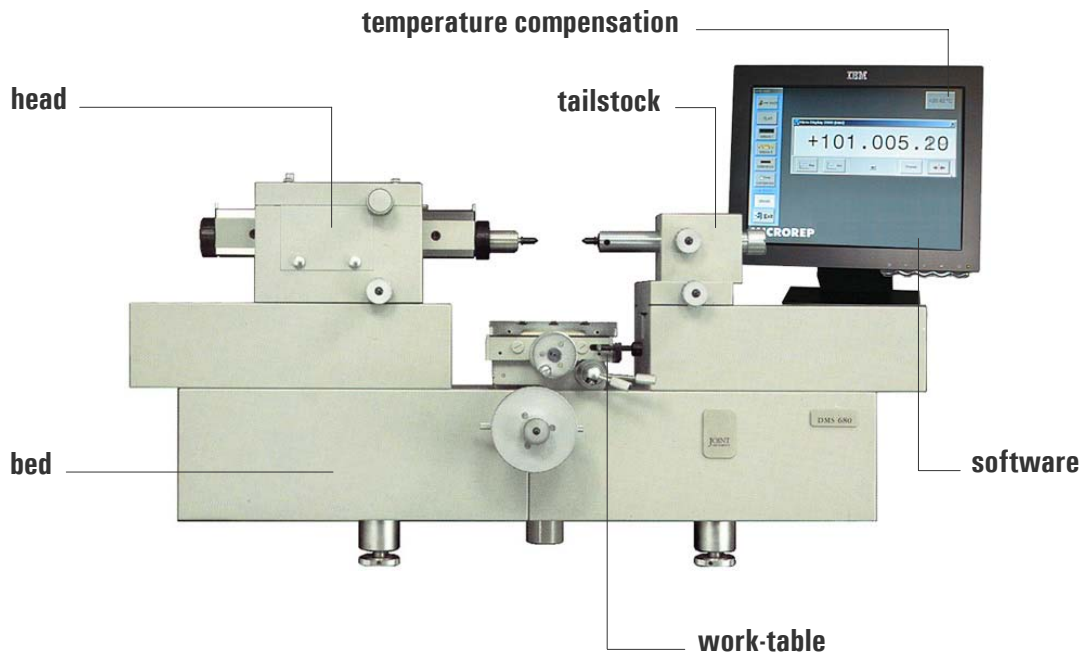
DMS 680 Universal Measuring System

Applications DMS 680

Main applications of the DMS 680 are the inspection of:

- plain plug gage
- plain ring gage
- thread plug gage
- thread ring gage
- workshop slip gage
- snap gage
- pipe thread plug and ring gage
- bore gage
- external micrometer
- internal micrometer
- comparators
- electronic probe
- lever type comparator
- spline gage with involute profile and tooth gage

The Unit



Standard
Equipment
of DMS 680



Plain Plug gage

- plug gage holder
- radius tips
- knife tips large and small edge



Plain Ring gage

- big contact arms
- small contact arms with special tailstock spindle
- precision setting rings
- small and large parallels



Thread Plug gage and Pipe plug gage

- flat contact tips with small, medium and large size
- set of 21 calibrated wires terns with holders



Thread Ring gage

- floating table
- set of precision contact balls
- V-type gage blocks 55° and 60° angle



Workshop Gage Block

- clamping device



External Micrometer

- micrometer table with contact arm
- spherical end contact tip
- flat contact tip



Small Plain hole

- mounting table
- contact tip holder
- spherical end stylus contact tip



Snap gage

- cross holder for snap gage with clamping device



Indicator & Lever type probe

- indicator holder

Standard
Equipment
of DMS 680



Internal Micrometer

- adjustable double side "V" bearing

Assembling device for gage block

Adjustable double side "V" bearing



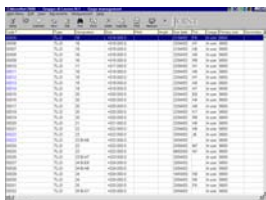
Spline with involute and Tooth gage

- using the std. wires and the spheres it is possible to measure internal and external gages with involute profile

Center cradle

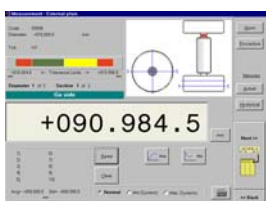
Reading system

- PC
- monitor
- integrated reading board



gage Management Software

- automatic tolerances calculation
- gage card with all relevant data
- full gage history
- powerful management functions



gage Measurement Software

- direct reading on the PC screen
- thread formulae evaluation
- tolerances analysis
- customized measurement procedures

Temperature compensation device

- Temperature sensor
- Temperature compensation software

Other special equipment are available to meet specific needs and to suite customer applications. Ask for further details.

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