

# Electronic Dial & Gauge Calibrator



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Patented Technology Award

ISO International Quality Standard certified  
The best tool of length calibration



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Indicator calibration

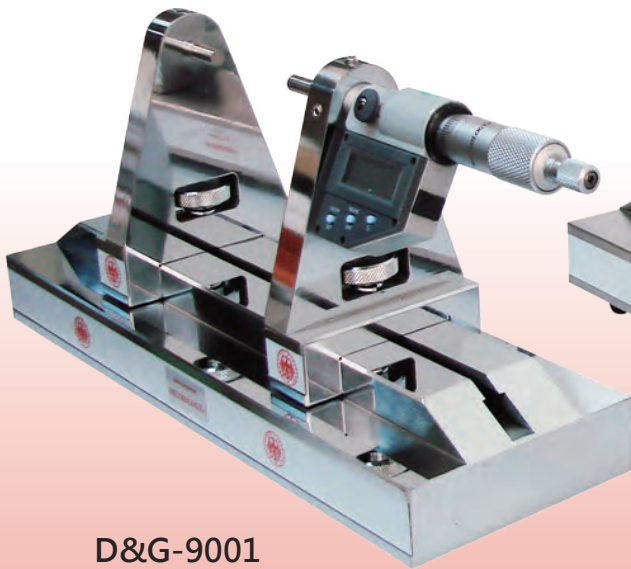
Measuring gauge calibration

Length measurement

## PERFECT Series



德國專利標章



D&G-9001



D&G-9002



Taiwan invention patent



German innovation patent



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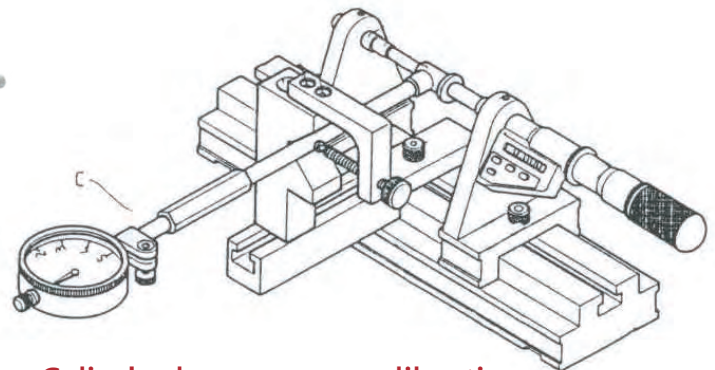


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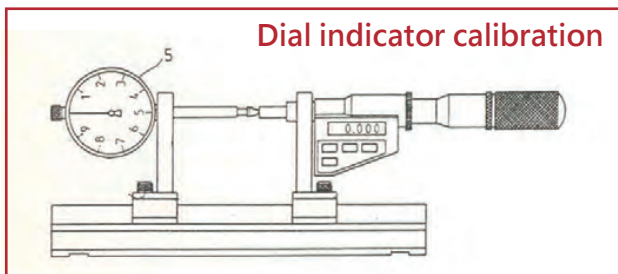
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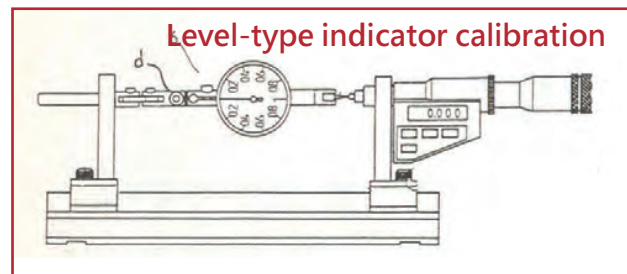
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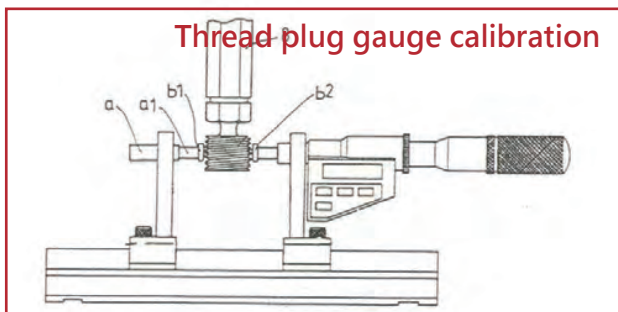
Cylinder bore gauge calibration



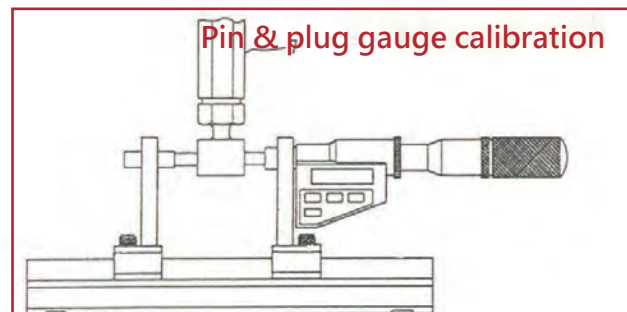
Dial indicator calibration



Level-type indicator calibration



Thread plug gauge calibration



Pin & plug gauge calibration

- For calibrating various types of dial indicators, bore gauges, pin gauges, plug gauge, thread plug gauges, inside micrometers, standard bar, and measuring concentric, thickness, length of parts.
- Hardened tool steel, heat treated, precision grinding, and surface coating rust resistant.
- Easy to operate, by simply moving concentric slide to set distance and to lock position, then proceed to measuring or calibration.
- Full set includes wooden case, operational manual, quality warranty, and JCC calibration report comply with ISO 9001 measuring traceability & ISO/IEC 17025 accreditation.

# Electronic Dial & Gauge Calibrator



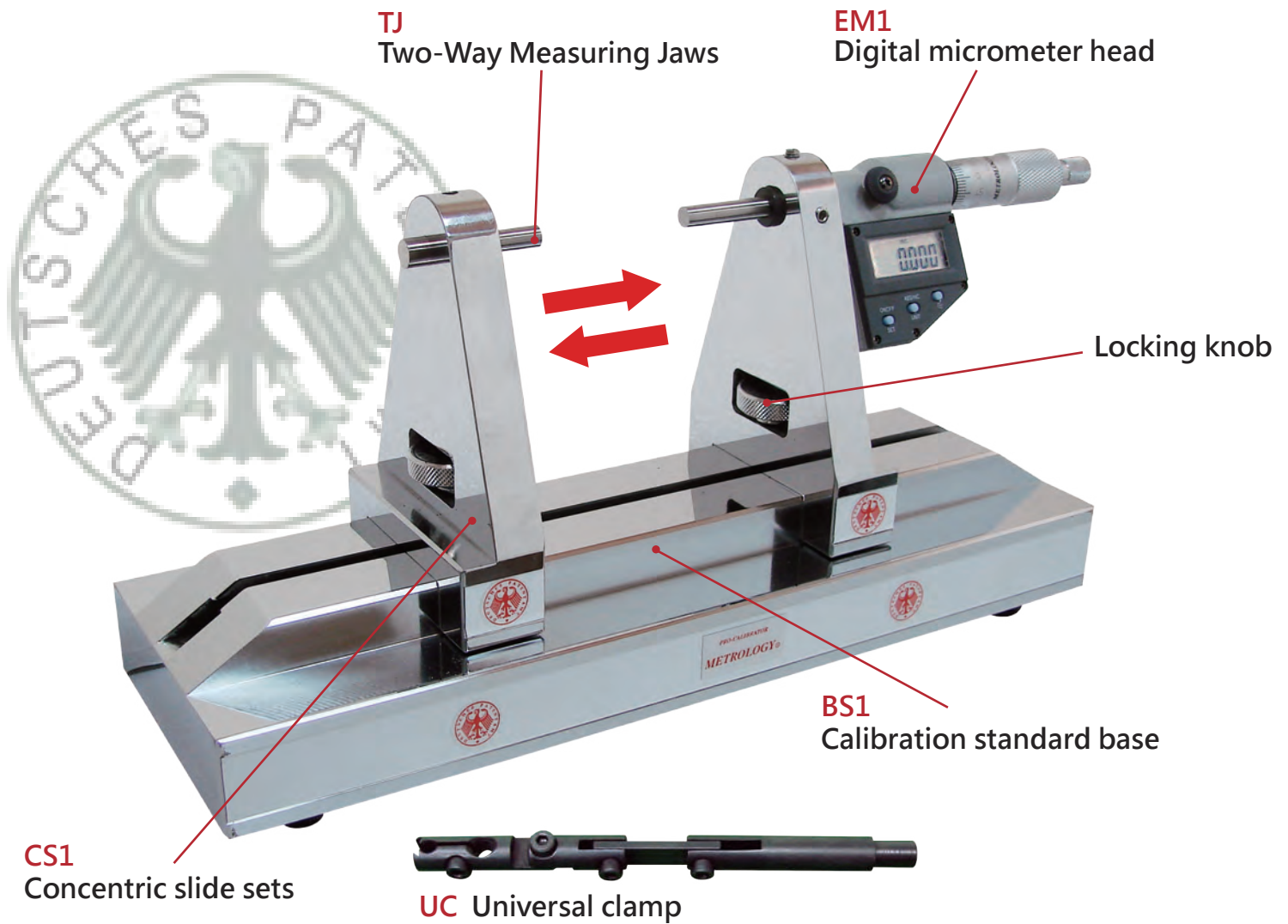
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## Standard accessories diagram



### PERFECT Series

\*Accuracy: Max Permissible Error

Model No.	Direct calibration	Resolution	Accuracy	Combination Sets
D&G-9001	0-25mm/0-1"	0.001mm/0.00005"	0.003mm	BS1+CS1+EM1+TJ+UC
D&G-9002	0-25mm/0-1"		0.002mm	BS2+CS2+EM1+TJ+UC
D&G-9003	0-50mm/0-2"		0.004mm	BS3+CS3+EM2+TJ+UC
D&G-9004	0-25mm/0-1"	0.0001mm/0.000005"	0.001mm	Granite base,slide,probe,display

\*Remark: D&G-9004 only has the calibration function of indicator · lever type indicator and cylinder bore gauge. The whole set includes standard components · probe · 0.1µm high precision digital display.

■ Electronic Dial & Gauge Calibrator

PERFECT Series

Standard accessories

■ Calibrator standard Base



Model No.	Max.measuring Length	Materials
D&G-BS1	200mm	Hardened Chromed Steel
D&G-BS2	200mm	Hardened Tool Steel
D&G-BS3	300mm	Hardened Chromed Steel

■ Concentric slide



Model No.	Center Height	Materials
D&G-CS1	85mm 2pcs/pair	Hardened Chromed Steel
D&G-CS2		Hardened Tool Steel
D&G-CS3		Hardened Chromed Steel

■ Digital micrometer head



Model No.	Specification
D&G-EM1	0-25mm/0.001mm/0.00005"
D&G-EM2	0-50mm/0.001mm/0.00005"

\*Tungsten carbide measuring anvil  
\*Standard for measurements & calibration

■ Two-way measuring jaws



Model No.	Specification
D&G-TJ	Dia.Φ6.5 / Φ8mm (2 Step)

\*Hardened tool steel  
\*fixed jaw for measurements

■ Universal clamp



Model No.	Specification
D&G-UC	Length : 133mm Dia.Φ8mm

\*Steel  
\*clamp for calibration lever type indicators

■ Electronic Dial & Gauge Calibrator

**PERFECT Series**

Optional accessories

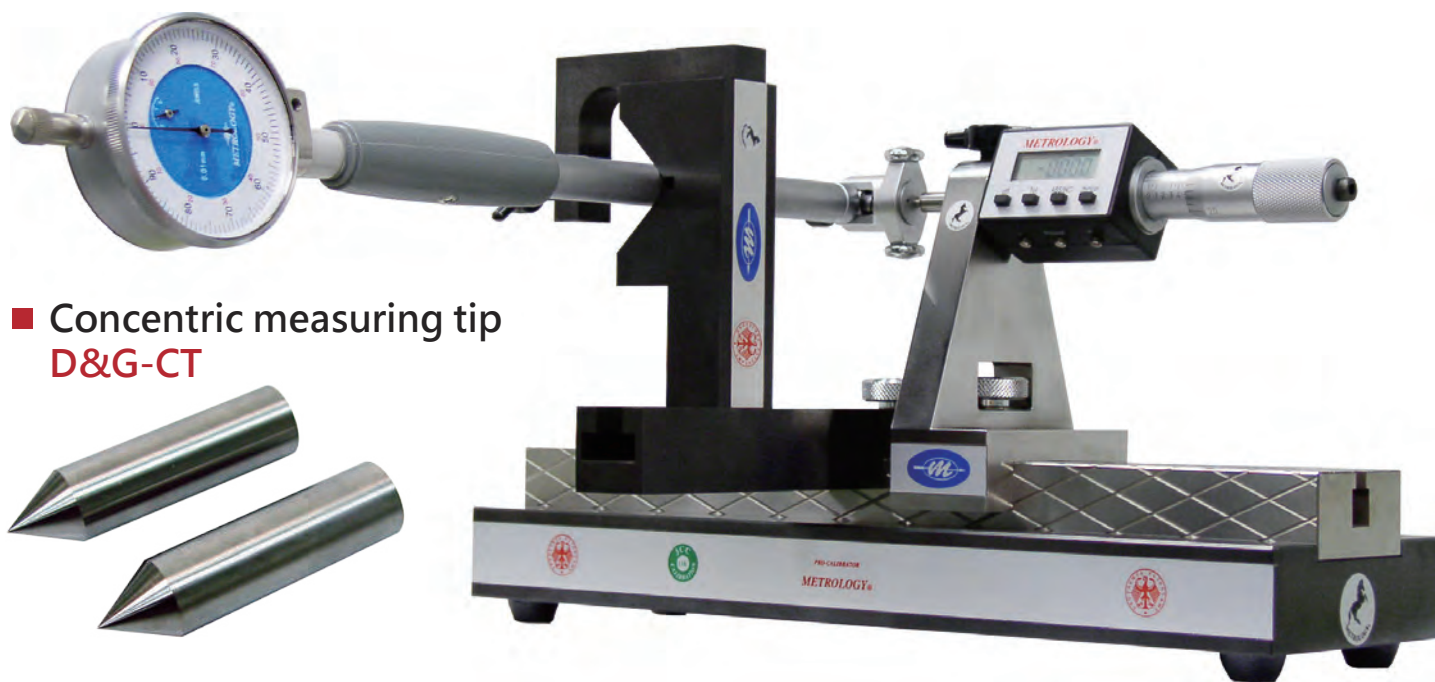
■ Bore gauge holder **D&G-BH**



■ Setting gauge block grade-1 **D&G-SB**



Bore Gauge Calibration diagram



■ Concentric measuring tip **D&G-CT**



Model No.	Name	Specification	Materials
D&G-BH	Bore gauge holder	For holding all types of bore gauge.	Positive charged Aluminum
D&G-SB	Setting Gauge Block	For setting & extend measuring or calibration range 25 · 50 · 75 · 100mm (DIN 1)	Hardened alloy steel
D&G-CT	Concentric measuring tip	For calibration test bar or measuring concentric of parts (2pcs/pair)	Hardened tool steel

■ Electronic Dial & Gauge Calibrator

PERFECT Series

Calibration & measurement diagram

Incredible functions



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calibration

- Standard bar



measurement

- Outside diameter, thickness, length



- Digital indicator



- Concentricity



Standard bar calibration

- Dial indicator



- Pin & plug gauge



Level-type indicator calibration

- Level-type indicator



- Thread plug gauge



Concentricity calibration

**MORE**  
CALIBRATION & MEASURING FUNCTION

More measurement & calibration function see page K38 · K44 · K46