

UNIVERSAL COMPARISON MEASURING BENCH

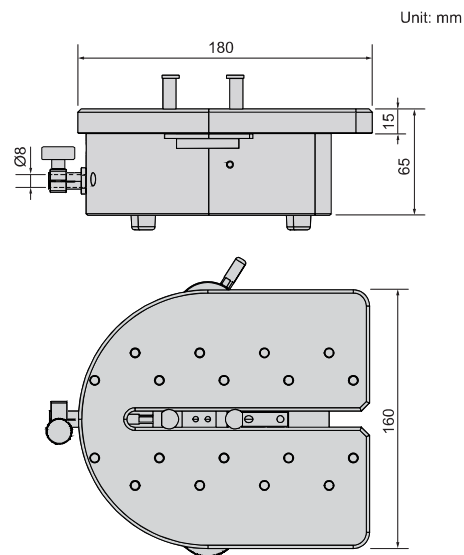
ATTENTION: DIGITAL INDICATOR USES RECHARGEABLE BATTERY, FOR 30 HOURS CONTINUOUS WORKING

DIGITAL INDICATOR WITH IP54 DUST/WATERPROOF

DIGITAL INDICATOR USES ABSOLUTE ENCODER, THE ORIGINAL DATA REMAINS AFTER POWER OFF

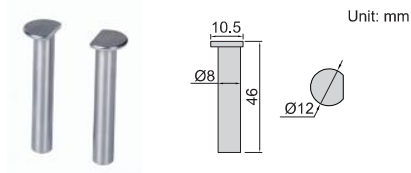


6848-145



- Switchable measurement direction for measuring internal and external diameter
- Adjustable measuring force: 2-5N
- Movable probe travel: 20mm
- Digital indicator with IP54 dust/waterproof (when cap is lifted, no dust/waterproof)
- Digital indicator uses absolute encoder, the original data remains after power off
- Digital indicator uses rechargeable battery, for 30 hours continuous working
- Digital indicator with automatic power off
- Digital indicator reading in digital and analog
- Digital indicator display can be rotated by 270°
- Digital indicator button function: on/off, zero setting, data preset, tolerance Go and No-Go display, data hold, mm/inch, measuring direction change.max./min./TIR, absolute/incremental measurement, data output
- Data output cable (keyboard format) is included in digital indicator

Probes (included, supplied in pair)

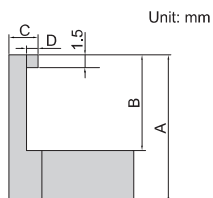


Code	Range of external diameter	Range of internal diameter	Resolution	Accuracy	Any ±1mm accuracy*	Repeatability
6848-145	0-130mm	24-145mm	0.0005mm/0.00002"	5μm	1μm	1μm

* After set zero at any position, accuracy is 1μm within ±1mm from zero position

** The measuring range will change according to different measuring probes

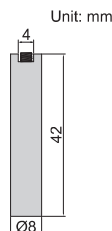
Internal groove probes (optional, supplied in pair)



Code	Minimum Measuring Internal Diameter	A	B	C	D
6848-S201*	4mm	20mm	13mm	3.8mm	1.4mm
6848-S202*	7mm	24mm	18mm	6mm	2.2mm
6848-S203*	12mm	28mm	22mm	6mm	2mm

* It is necessary to use internal groove probe holder (code 6848-T201)

Internal groove probe holders (optional, supplied in pair)

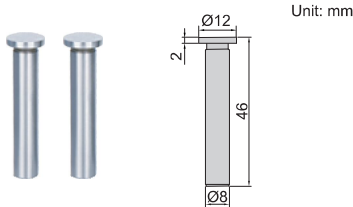


Code
6848-T201



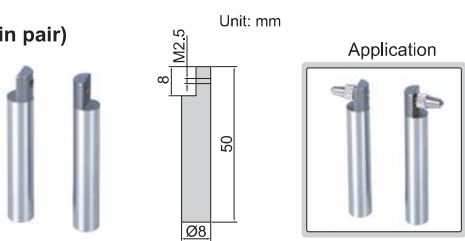
Disk probes (optional, supplied in pair)

Code
6848-S101

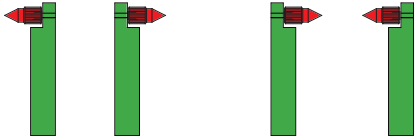
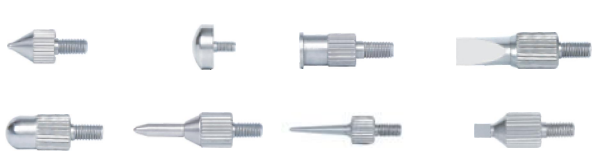


Probe holders (optional, supplied in pair)

Code
6848-T401

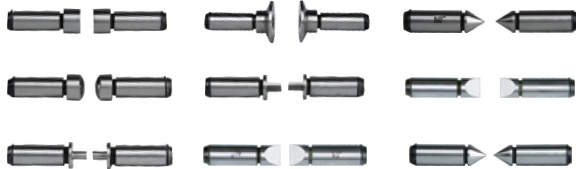


Probes (optional, supplied in pair)
Code 6282*



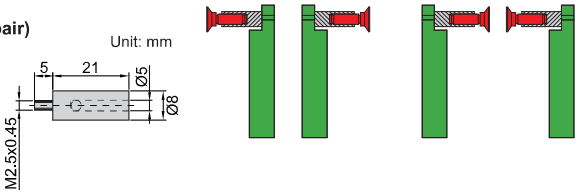
* It is necessary to use probe holders(code **6848-T401**) for these probes

Multifunctional probes (optional, supplied in pair)
Code 7392*



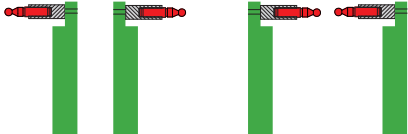
Probe sleeve (optional, supplied in pair)

Code
2927-T101



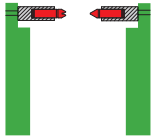
* It is necessary to use probe holders(code **6848-T401**) and probe sleeve(code **2927-T101**) for these probes

Ball probes (optional, supplied in pair)
Code 7391*



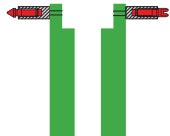
* It is necessary to use probe holders(code **6848-T401**) and probe sleeve(code **2927-T101**) for these probes

External thread probes (optional, supplied in pair)
Code 7381*



* It is necessary to use probe holders(code **6848-T401**) and probe sleeve(code **2927-T101**) for these probes

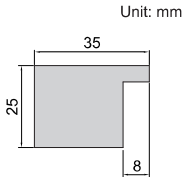
Internal thread probes (optional, supplied in pair)
Code 7321*



* It is necessary to use probe holders(code **6848-T401**) and probe sleeve(code **2927-T101**) for these probes

Spacer blocks (optional, supplied in pair)

Code
6848-B10



Application

