

# Gauge Block Comparator GBCD-250

Series 565

## Manual Comparator with Dual Gauge Heads

- Gauge blocks between 0.1 mm and 250 mm can be easily compared with reference gauge blocks on the GBCD-250.
- The upper and lower gaging heads assure the operator of high-accuracy measurement with ease of use.



Model No.	GBCD-250
No.	565-150D* 565-150E*
Remarks	565-150E UK only
Range	0,1 mm - 250 mm
Resolution	0,00001 mm (0,01 μm)
Accuracy in narrow range (20°)	$\pm(0,03 + 0,3L/1000)\mu\text{m}^*$ L=Gauge block length (mm)
Measuring unit	Laser Hologage (upper, lower)
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Measuring force	0.7N (upper) 0.2N (lower)
Operating conditions	Temperature: 20°C ±1°C Humidity: 58% RH ±15%RH
Data output	Via SPC output port
Mass	Main unit: approx. 52 kg Display unit: approx. 2,4 kg
Power supply	100 - 120 / 200 - 20 VAC, 50/60Hz

\* Uncertainty of measurement at the 95% confidence level (not including the calibration error of the reference gauge block)