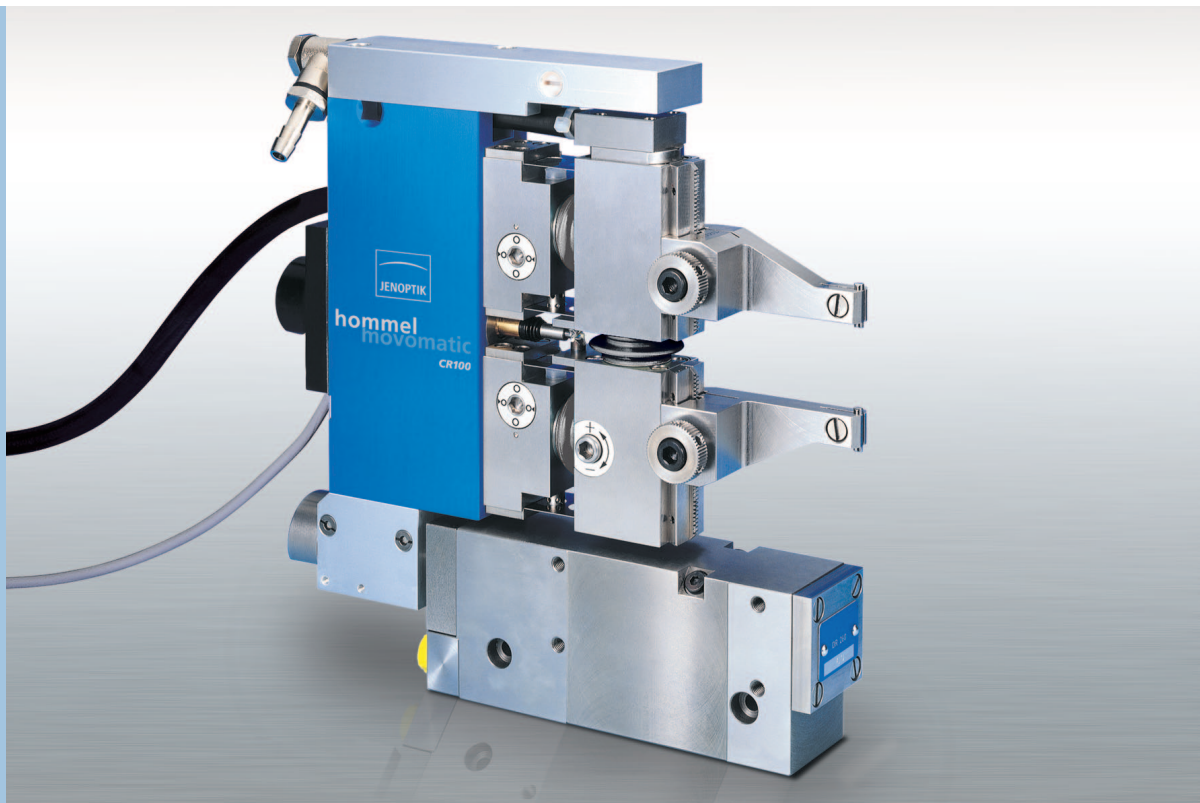




HOMMEL-MOVOMATIC CR100

Analogue gauge head for plain outer diameters



Precision is our business.

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Analogue gauge head for plain outer diameters

Description

For in-process size control in external diameter grinding operations.

A range of accessories for fixing the measuring head on the machine (sections, spacer plates) and for retracting the gauge head for workpiece changing (hydraulic or pneumatic slide).

Hommel-Movomatic measurement and control electronics for 19" rack. Analogue or digital technology, with various modules included in range.

Technical characteristics

Gauging range	Standard With special accessories	Ø 4 to 100 mm Ø 8 to 152 mm
Gauging range without adjustment	+700 µm/-200 µm	
Repeatability error of 6σ under standard conditions	0.2 µm	
Linearity	0.2% on ±200 µm	
Measurement force per arm (relative to zero position)	2 N	
Standard rate per gauge arm	10 N/mm	
Gauge arm opening referred to nominal diameter	0.50 mm	
Ingress protection	IP64	
Standard cable length	3 m, other lengths on request	
Compatible slides	Hydraulic or pneumatic	
Weight without hydraulic slide	2.6 kg	