

HEIGHT GAUGES – OPTIHITE Series

Main technical parameters:

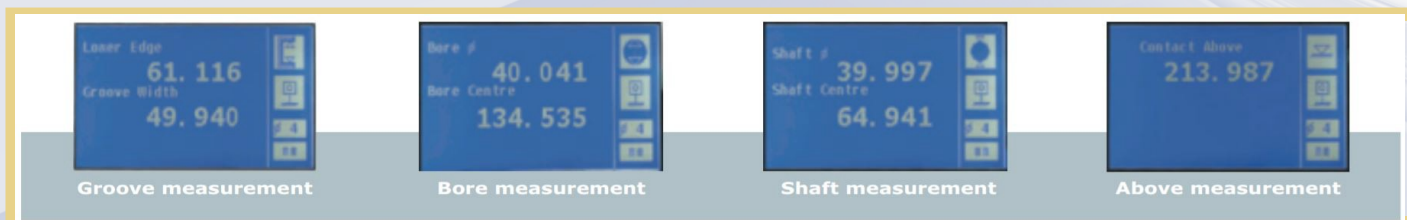
- Motorized movement of the probe.
- Controller with graphic display
- Ergonomic design of air bearing operation.
- Multiple reference points
- Zero adjustment at any point
- Passive temperature compensation
- USB and RS232 port for communication

Functions:

- Motorized movement of the probe
- 1D measurement only
- Up/down contact
- Up/down axis
- Hole measurement
- Slot measurement
- Squareness measurement
- Parallelism measurement
- Preset at any point
- MIN MAX DELTA functions
- Mm / inch conversion
- 500 memory steps
- Passive temperature compensation



HEIGHT GAUGES – OPTIHTE Series



Specifications	OptiHite 450	OptiHite 600	OptiHite 1000
Measuring range	450 mm	600 mm	1000 mm
Extensible Range	765 mm	915 mm	1315 mm
Resolution	0,005 / 0,001 / 0,0005 mm		
Repetibility (2 σ)	On the plane $\leq 0,002$ mm		
Over Diameter	≤ 0.003 mm		
Max. Measuring speed	600 mm / s		
Measuring force	1,2 N $\pm$ 0,2		
Max. Permissible error	2.5 + L / 250 μ m (Length in mm)		
Squareness	6,5 μ m	10 μ m	15 μ m
Air cushion	Standar		
Operating time (battery)	16 hours		
Operating operating temperature	10C a 40C / 50F a 104F		
Weight	22 Kg	24 Kg	28 Kg
Standard diameter	Probe carbide ball 6 x 48 mm		