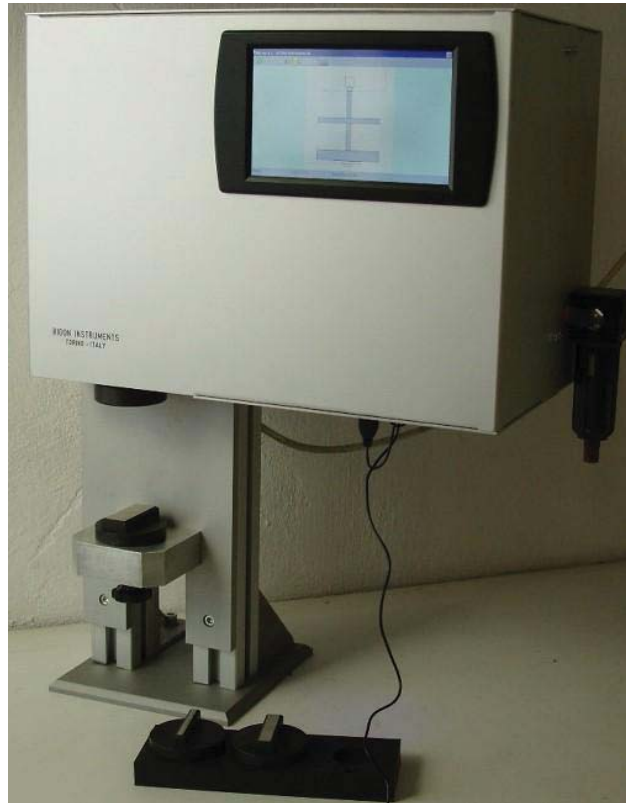


THICKNESS MEASURING GAUGE mod. TMG

The thickness measuring gauge has been developed for the purpose of determining the dimensions of CTC cables and soft or elastic materials. The system is powered by a pneumatic servo-cylinder electronically controlled, which provides a constant force by input the sample dimensions through a touch screen computer, a powerful data base allows to find any measure for further analysis, printed out capability, with the Ethernet port the tester could be linked to a network.



Interchangeable jaws automatically detected, allow adjustment within a large pressure and force margin. Thanks to the stable parallel guides of the moving jaws, high precision values are achieved even when the test piece is clamped not aligned. The pneumatic cylinder presses against the jaw holder via a compensation coupling. The fixed jaw is placed in a ball cup which has its center exactly at the surface of the jaw. With this, it is ensured that both jaws are always in a parallel position.





Jaw width (mm)	3	5	10	20
Jaw length (mm)	40			
Minimum surface pressure (N/cm ²)	32	20	10	15
Maximum surface pressure (N/cm ²)	380	230	115	58
Measuring unit	Metric or inches			
Maximum specimen pressure range	330N @ 0.45MPa – 455N @ 0.6 MPa			
Minimum specimen pressure	60N			
Compressed air input pressure range (MPa)	0.67 - 1.0			
Measuring pressure range (MPa)	0.1 - 0.6			
Power supply	100 – 240 V 40/60 Hz single phase 50VA			
Measuring range (mm)	0 – 100			
Accuracy (mm)	0.005			
Dimensions and weight	W 500 x d 500 x h 675 mm			16 kg
Cylinder bore	32 mm			

OPTIONS :

- Jaw Ø 6 mm
- Jaw Ø 8 mm
- Jaw Ø 10 mm

Data changes reserved