

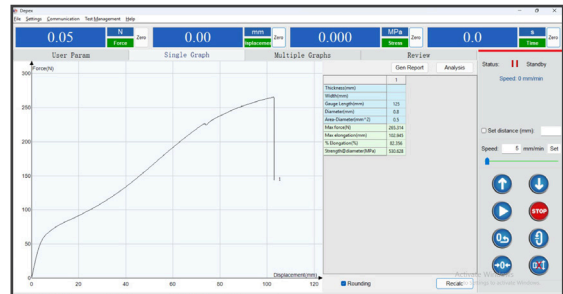
## PNEUMATIC YARN / WIRES GRIP SET

### TESTING JIG

The Pneumatic Yarn / Wires Grip Set is designed for accurate and reliable tensile testing of fine, delicate materials such as yarns, fibers, cords, and small-diameter wires. Utilizing pneumatic actuation, the grips apply consistent and evenly distributed clamping force to securely hold specimens without slippage or damage, minimizing grip-induced failures. The system ensures excellent repeatability and ease of operation, making it ideal for use with universal testing machines in quality control, research, and educational laboratories where precise measurement of tensile strength and elongation is required.

### Technical Specifications :

<b>Model Number</b>	<b>TT 6000 HD-B430</b>
Alternate Code	GW-11-1
Grip Types	Pneumatic
Fixture Type	Pneumatic Wire Stretching Fixture
Max. Force	2.5 kN
Material	AL 6061 (Aluminium Alloy)
Surface Treatment	Sandblasted + Red
Quantity	1set
Applicable Range	Textile yarns and other fine multi-strand non-metallic wires.
Tube Connector Inner Hole	Ø 6 mm
Max. Wire Diameter	Ø 2 mm
Dimension (One Unit)	300 (L) x 100 (W) x 170 (H) mm
Weight	4kg each (approximate)



Test Report