



## **PullTester 325** **Pull Testing Machine**

- Simple LCD display for easy programming and digital pull force read out
- Speed-controlled motor for consistent pull rates throughout the measuring range
- 2 selectable pulling rates depending on test requirements
- Triple range for improved accuracy over a wider range of wires
- RS 232 interface for curve analysis with WinCrimp software

QUALITY ASSURANCE

# PullTester 325

## Concept

Schleuniger's PullTester 325 is a triple-range, motorized, bench-top unit designed to measure pull-test forces of crimp and ultrasonic weld connections on a wider range of wires than single-range pull test devices. Pull test values are critical parameters for quality control and assurance. This versatile machine has three measuring ranges, which are individually calibrated. The standard measuring ranges are 200 N, 1,000 N, and 2,000 N (45 lbf, 225 lbf, 450 lbf) however other ranges are possible. This triple-range capability ensures the highest accuracy for the widest range of applications. Hand actuated or pneumatic pull test devices can give inconsistent data depending on the operator or pull rate. Some standards specify that a test device must pull with a consistent rate. The Schleuniger PullTester 325 is equipped with a speed-controlled motor, ensuring consistent pull rates throughout the measuring range resulting in repeatable and accurate data. Pull forces can be measured in pounds, Newtons or kiloponds. The standard 14-position terminal holder accommodates a wide variety of terminals to suit most applications. A variety of terminal holders, however, are available upon request.

## Applications

The PullTester 325 is the base model for its counterpart, PullTester 326. The PullTester 326 has more features such as four pulling rates and internal memory to accommodate more stringent test requirements. Both devices will test pull forces up to 2,000 Newtons (450 lbf.) and are specially suited for quality assurance in a production environment.

Technical Specifications	
Measuring range	Standard: 0 – 200 N, 0 – 1,000 N, 0 – 2,000 N (0 – 45 lbf., 0 – 225 lbf., 0 – 450 lbf.), other variations available by special order
Units of measure	N, Kp, lbf.
Display	LCD 6-digit
Accuracy	0.5% of measurement range
Operating temperature	0 – 50 °C (0 - 122 °F)
Maximum stroke	43 mm (1.7")
Pulling rates	Variable. 2 speeds: 25 & 50 mm/min. (0.98 & 1.97"/min.) or 50 & 100 mm/min. (1.97 & 3.94"/min.)
Pulling modes	Pull + Break: normal pull test until wire breaks
Device data memory	Not available
Monitoring	Device display output; Optional WinCrimp Basic software for visual force-time-table on PC evaluation.
Enclosure rating	IP 20
Print capabilities	RS 232 connection directly to printer or via PC using WinCrimp Software
Network	In combination with crimp force monitor and crimp-height measurements device via WinCrimp software. Only one device with RS 232 network. Multiple devices with RS 232-TCP/IP adapters.
Interface	RS 232
Motor	Motor 24 VDC
Weight	Approximately 11 kg. (24 lbs.)
Dimensions (L x W x H)	250 x 130 x 410 mm (10 x 5 x 16")
CE – conformity	The PullTester 325 fully complies with all CE and EMC equipment guidelines relative to mechanical and electrical safety and electromagnetic compatibility.
Important note	Schleuniger recommends that wire samples be submitted in cases where there is doubt as to the processing capabilities of a particular machine.