

PAT model GM01/6.3kN Adhesion Tester

The most popular model in the PAT tester range, a manual hydraulic tensile adhesion tester for measuring of bond strength of all types of paints, thermal sprayed coatings, thin films, concrete coatings, ceramics, etc.



Order # **123-GM01**

Price \$ Please request a quote.

Description

- Portable and simple to use.
- DFD technology ensuring accurate and comparable test results both in the laboratory and on site.
- Precision gauge with both MPa (N/mm²) and p.s.i. reading
- Testing of coatings on any shaped substrates, e.g. inside and outside pipe surfaces.
- Supplied in solid aluminium case for safe storage, handling and transportation.

INCLUDED WITH STANDARD MODEL

- PAT GM01/6.3kN hydraulic pull-force pump
- Hydraulic cable
- PAT testing head 6.3kN
- 5 test elements size Ø20mm
- HSS cutting tool for Ø20mm test element
- Aluminium carry-case with protective interior
- Calibration Certificate

| TESTING RANGE | | | | |
|-------------------|------------|-------|-------------------------|-------|
| Test Element Size | Full Scale | | Certified testing range | |
| | MPa | psi | MPa | psi |
| 50 mm | 3.2 | 460 | 2.7 | 400 |
| 40 mm | 5 | 725 | 4.25 | 600 |
| 28.2 mm | 10 | 1450 | 8.5 | 1200 |
| 20 mm | 20 | 2900 | 17 | 2450 |
| 14.1 mm | 40 | 5800 | 34 | 4900 |
| 8.16 mm | 120 | 17400 | 102 | 14800 |

| TECHNICAL DATA | |
|-------------------------|-------------------------------------|
| Maximum pull force | 6.3 kN |
| Accuracy | ±1% of full scale |
| Weight of tester | 1250 gr. / 45 oz. |
| Weight complete in case | 8 kg |
| Case Dimensions (WxLxH) | 400 x 300 x 170mm / 16x12x7 inches |
| Complies with: | ISO 4924, EN24624, ASTM D4541, etc. |