

M35⁺

Dual Load Capacity Digital Pull Tester



The **Hydrajaws M35+ Easi-Effort® Modular Digital Pull Tester** can test up to **35kN** or **65kN** on the same device, with an easily configurable optional bridge setup, without the need of a separate tester.

This lightweight and ergonomic pull tester is enhanced by our **Easi-Effort®** technology, increasing testing frequency and reducing operator effort. It is an essential tool for carrying out pull testing procedures in line with BS 8539, BS 7883, BS EN 795 and AEFAC-TN05.



Compatible with the Hydrajaws Verify Digital Reporting System



M35+ Dual Load Capacity Modular Pull Tester Kit



The **Hydrajaws M35+** introduces cutting-edge 'Easi-Effort®' technology, setting a new standard in the efficiency of applying torque for mechanical anchor pull testing. With a maximum torque of 9.8Nm at 35kN and 18.8Nm at 65kN, the M35+ demonstrates a remarkable

reduction in required effort compared to its counterpart, the Hydrajaws M2050. While the M2050 demands 68Nm at 50kN, the M35+ achieves comparable results with a quarter of the torquing effort, making it an innovative and user-friendly solution for professionals in the field of anchor testing.

This advance not only enhances operational efficiency but also underscores Hydrajaws' commitment to delivering state-of-the-art tools that redefine industry standards.



SKU: #:290-001 (Dual* Metric)
#:290-002 (Dual* Imperial)
#:290-003 (Standard Metric)
#:290-004 (Standard Imperial)

* Dual = Kit includes Standard and Medium Bridge

All Kits include:
 Bolt test adaptor
 20mm and 24mm clevis forks

Metric Kit includes:
 5 slotted button adaptors: 6.5, 8.5, 10.5, 13 and 16.5mm
 6 threaded button adaptors: M6, M8, M10, M12, M16 and M20

Imperial Kit includes:
 5 slotted button adaptors: 6.5, 8.5, 10.5, 13 and 16.5mm
 6 threaded button adaptors: 1/4", 5/16", 3/8", 1/2", 5/8", 3/4" UNC

TECHNICAL DATA

- Pull-out load range: 0-35kN/7,868lbf Standard Bridge
0-65kN/14,613lbf Medium/Large Bridge
- Max torque: @35kN = 9.8Nm/7.2ft-lbs
@65kN = 18.8Nm/13.9ft-lbs
- Weight: Tester only: 3.7kg/8.16lbs
Standard kit with Rucksack: 8.7kg/19.18lbs
- Hydraulic Oil: Light Mineral DTE Type VISCOSITY 32
- Gauge IP Rating: IP54*
- Operating temp. range: -10°C – +50°C (14°F – 122°F)
- Configurable units: kN, lbf
- Operating voltage: 9V
- Battery type: Rechargeable**
- Warranty: 12 months
- Certification and standards:
CE, UKCA
EMC Standard EN IEC 61326-1, EN 301 489-1, EN 301 489-17,
RoHS Directive IEC 63000
Radio Equipment Directive ETSI EN 300 328 V2.2.2, EN 62479
Machinery Directive Type A EN ISO 12100:2020, EN ISO 4412:2010
Low Voltage Directive IEC 61010-1

* BS EN 60529: 1992 + A2: 2013: Degrees of Protection Provided by Enclosures

** Battery model: EBL TB9500, PP3



Dimensions

Standard bridge can test most applications up to 35kN (7,868lbf). Two optional bridges are available for loads up to 65kN (14,613lbf) and allows for greater span and spacing requirements.

