

# M35<sup>+</sup>

## 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:**  
 8 slotted button adaptors: 4.5, 5.5, 6.5, 8.5, 10.5, 13, 16.5 and 20.5mm  
 6 threaded button adaptors: M6, M8, M10, M12, M16 and M20

**Imperial Kit includes:**  
 8 slotted button adaptors: 4.5, 5.5, 6.5, 8.5, 10.5, 13, 16.5 and 20.5mm  
 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 to +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.

