POWER PLUG EXTRACTOMETER
HF 47/LPT

Application Field:

Self-contained tensile testing device designed to measure anchorage strength in concrete: threaded anchors, rings, bolts, etc. It has been specifically developed for testing anchors in confined spaces. The design of this device allows operation in any position, as the measurement sensor is reversible.
To comply with EN795 standard requirements, the device includes two automatic test programs. The results of these tests can be stored in the device's memory and transferred to a computer.

Operating Principle:

Shear force measurement using strain gauges. The sensor directly receives the applied force, and the resulting internal stresses are measured by the strain gauge bridge integrated into the sensor. The signal generated by the strain gauges is then processed by the associated electronics and displayed on the LCD screen.

Technical specification :



Maximum Capacity : 1500 - 2500 Kg (see below)
Sensor Material : Aluminum
Overall Error : +/- 0,5%
Inclination Compensation: +/- 15°
Digit Height : 16mm LCD
Measurement Units : Kg, N, daN, KN, LBS
Power Supply : 3 x CR123 3V battery
Operating Temperature: -10° to +60°
Weight : 4.3 Kg
Protection Rating : IP 65
PC Connection: USB (cable and software included)

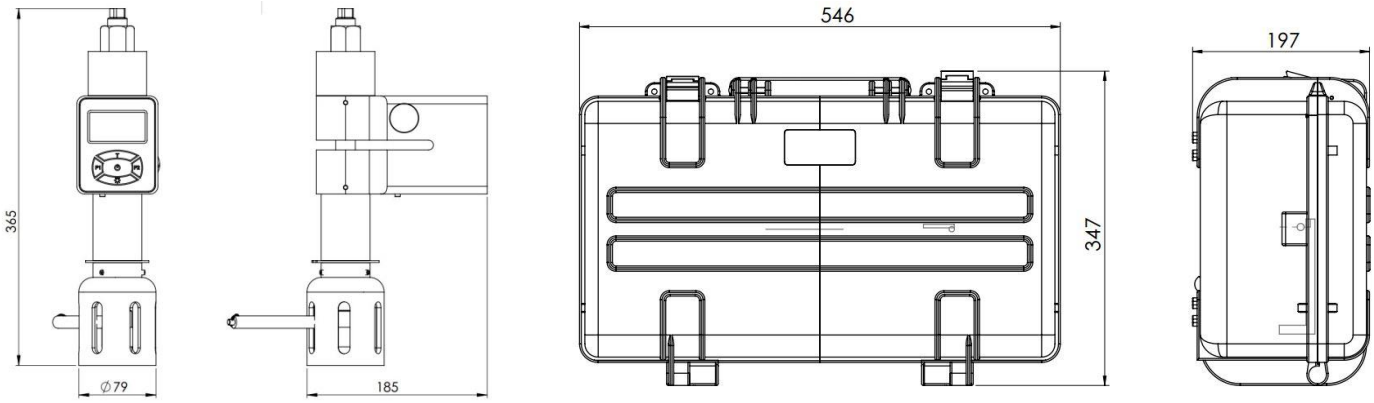
Options :

Monitor : Real-time data acquisition software

Models and characteristics:

Models	Capacity (Kg)	Anchor types					
		Threaded rod				Ring	Bolt head (M6/M8/M10/M12/M16)
HF47/1/LPT	1500	M8	M10	M12	M16	✔	Optional kit**
HF47/2/LPT	2500	M8	M10	M12	M16	✔	Optional kit**

If you need to test anchors not listed in the table above, we can also provide custom-made adapter parts.



Kit content:

- 1 IP67 carrying case
- 1 HF44/LPT extractometer
- 4 stainless steel reaction sleeves
- 1 stainless steel pull fork
- 3 foot extensions
- 1 USB/mini-USB cable
- 1 USB key containing the Loader Light software
- 1 CE certificate
- 1 calibration certificate
- 1 user manual

**Optional kit

