POWER PLUG EXTRACTOMETER
HF 44/LPT
WITH HYDRAULIQUE ASSISTANCE

Application field:

Self-contained tensile testing device designed to test **anchorage strength in concrete**, such as: threaded anchors, rings, bolts, etc.

Operating principle:

The pressure in the hydraulic circuit deforms a membrane within the pressure sensor, and the resulting internal stresses are measured by a strain gauge. The signal generated by the gauge is then processed by the associated electronics and displayed on the LCD screen.



Technical specifications:

Maximum capacity	: 12.500 - 60.000 daN (see below)
Sensor material	: Stainless steel 17-4 PH (1.4542)
Overall error	: +/- 0,5%
Display digit height	: 16mm LCD
Measurements units	: Kg, N, daN, KN, LBS
Power supply	: 2 x CR123 - 3V
Operating temperature	: -10° to +60°
Protection rating	: IP 65
PC connection included)	: Via port USB (cable and software

Models and characteristics:

Model	Capacity	Cylinder bore	Cylinder stroke
HF44/4/LPT	12.500 daN	20,2 mm	41,3 mm
HF44/5/LPT	21.000 daN	27,4 mm	50,8 mm
HF44/6/LPT	29.000 daN	32,9 mm	63,5 mm
HF44/7/LPT	56.000 daN	54 mm	76,2 mm

Kit contents:

- 1 IP67 protective carrying case
- 1 HF44/LPT hydraulic extractometer
- 1 ultra-light manual hydraulic pump
- 1 pressure sensor with LCD display
- 1 hydraulic hose with quick couplings
- 1 USB–mini USB cable
- 1 USB key containing the Loader Light software
- 1 CE certificate
- 1 calibration certificate
- 1 user manual



Anchorage type to test

For this type of extractometer, it is necessary to specify the types of anchors to be tested: metallic or chemical anchors (male or female), reinforcing bars, rings, bolt heads, etc.
The accessories adapted to your specific anchors will be custom-made.