Application :

The Dynaplug was developed for PPE 's (Personal Protection Equipment) testing of safety lifelines anchor points, but it can obviously be used in other application where the safety of the anchor points is critical. The Dynaplug conforms to the PPE norm EN 795 A and follows the procedures laid out in that norm.

Working Principle :

By means of an appropriated socked, the Dynaplug is fixed at the anchor point. A traction force is applied with the hand wheel. The strain gauges integrated in the load cell measure this force applied.

The strain gauges signal is treated by the electronic and displayed on the LCD screen.

Technical Specifications :

Maximum Capacity : 1.500 daN
Safety coefficient : 3
Overload coefficient : 1,5
Traction : Manual by setscrew.
Distance foot / anchor point : Radius of 118 mm
Load cell : strain gauges.
Accuracy : +/- 0,5 % of full scale (FS)
Tray level correction : up to 15 degrees
Temperature range : from - 5 to 50 °C
Power supply : 3 batteries AA 1,5 V
Batteries working time : 200 h continuous use.
Material : load cell in aluminium
        Traction screw in stainless steel.
        Traction nut in bronze.
        Accessories in stainless steel.
Protection : IP 54
Weight : 4,5 kg (Dynaplug) 1,5 kg (accessories)

Designation :

Dynaplug complete kit   Code : 89969

Including :
Load cell HF 44/1A   Code : 067728
Stainless steel Socket M 10   Code : 131365
Stainless steel Socket M 12   Code : 131375
Stainless steel Socket M 14   Code : 131385
Stainless steel Socket M 16   Code : 131395
Clevis mounting for anchor point. Code : 110367
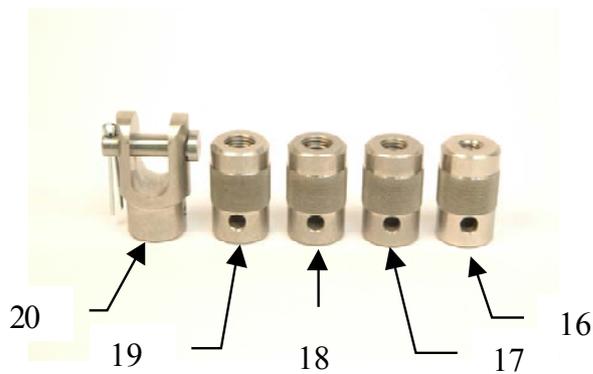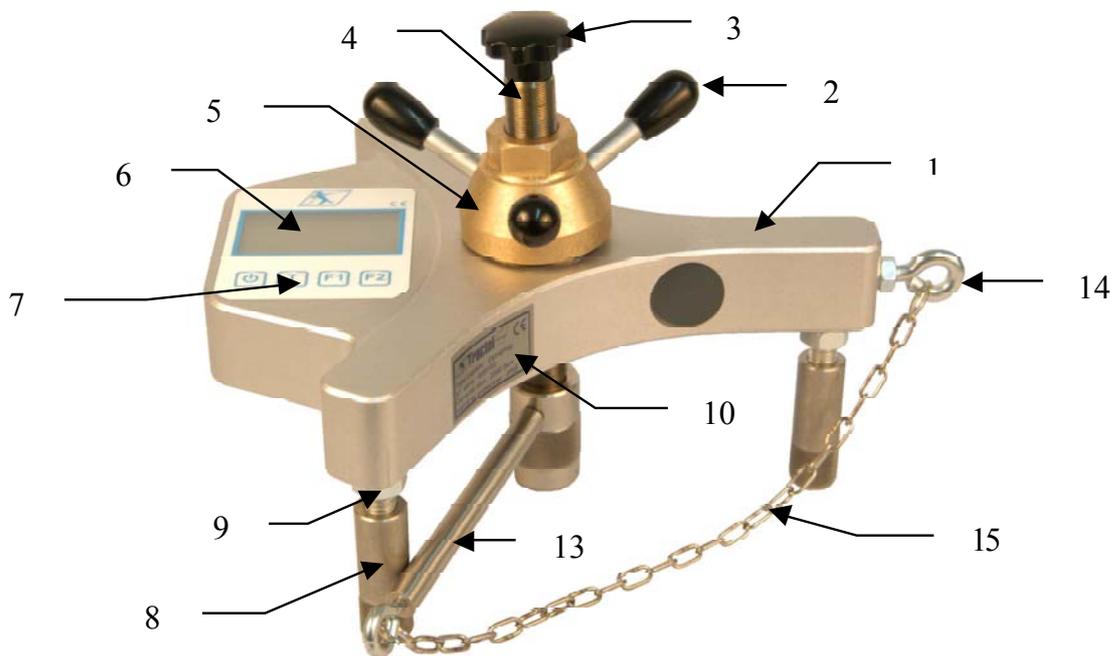
1	Load cell body	11	Batteries Compartment
2	Traction hand wheel	12	Batteries Compartment cover
3	Fine thread screw	13	Coupling rot
4	Fast advance wheel	14	Hanging ring
5	Ball Joint	15	Stainless steel chain
6	LCD screen	16	Stainless steel Socket M 10
7	Key board	17	Stainless steel Socket M 12
8	Adjustable height supports	18	Stainless steel Socket M 14
9	Locknut	19	Stainless steel Socket M 16
10	Identification	20	Clevis mounting for Tractel anchor point