

dynarope[®]

tensiometer HF 36 series



 **Tractel** Group

dynarope[®]

the clever tensiometer

Area of application:

The **Dynarope** has been designed for measuring effort in pretensioned wire ropes. This is the case of shrouds, aerials, pylons and masts, supports, catenaries and all textil ropes or wire ropes, that can not be dismantled and which tension must be known or confirmed. It fits directly onto the tensioned wire rope and is simply held in position by turning a handle.

This device comprises a load cell with strain gauges and a display driven by a microprocessor. Display of the effort measured by the load cell takes account of parameters such as the diameter, composition and structure of the wire rope. Following exhaustive trials and testing, these parameters have been analysed giving a series of mathematical formulae, with an operating margin of $\pm 2.5\%$.

Specification:

◆ Numeric display

Numeric technology allows the **Dynarope** to process and memorise a large amount of data (date, time, effort measured, ambient temperature, speed and direction of wind, etc.) An RS232 output connects to a PC to download the memorised data for further processing. When in "special" operation, the user may create his own data base as a function of specific configurations.

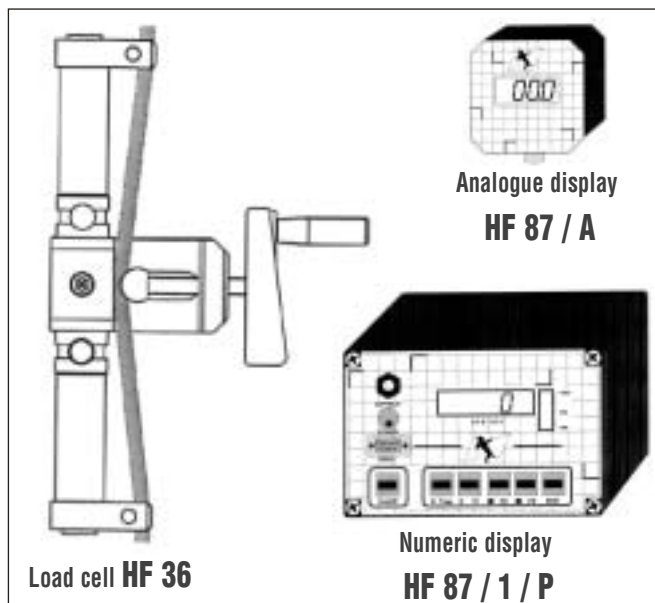
Other models:

◆ Analogue display

Economy model for repetitive measuring operations and/or for balancing effort in identical wire ropes.

◆ Quick fitting and removal operations

For repetitive measuring operations, a simple mechanical lever replaces the handle.



Model	Dia. of wire rope mm	capacites daN	length mm	weight kg
HF 36/1	4 à 13	5 000	370	2
HF 36/2	10 à 28	20 000	500	4
HF 36/3		40 000		
HF 87/1/P	–	–	–	1
HF 87/A	–	–	–	0,3

