

TRACTEL



> Dynafor Pro

Versatile digital dynamometer series





DYNAFOR PRO

Versatile digital dynamometer series

COMBINES 0.2% PRECISION WITH LONG-RANGE WIRELESS CONNECTIVITY

Making it ideal for weighing, force monitoring, and load testing in heavy-duty environments.

The Dynafor Pro is a robust, wireless digital dynamometer engineered for reliable force measurement across a wide range of industrial applications. It operates using strain gauge technology and transmits real-time data via 2.4 GHz RF (up to 1,300 ft. [400 m]) or Bluetooth BLE (up to 100 ft. [30 m]) to Tractel large display AL63, mobile devices, and software accessories. Available in models from 2,000 to 500,000 lb. (1 to 250 t), it is compatible with standard bow shackles and swivel hooks for easy integration.

High-resistance
aluminium housing.
IP64 protection
(IP67 optional)



QUALITY

- High precision: ensures a precision of 0.2%; the market reference
- Resistant to shocks and weather, the Dynafor Pro can be used indoors and outdoors with its excellent shock and moisture resistance, complying with protection index IP64.
- Available with optional IP67 protection for harsh environments.
- Sensor material: aluminium

ERGONOMICS

- Intuitive commands: easy to use with quick access to all the various functions
- Remote reading of data with Tractel Dynafor HHD with a wireless range of up to 1,300 ft. (400 m), or with any smart device equipped with our free app, up to 100 ft. (30 m) thanks to Bluetooth

FLEXIBILITY

- Wide range. Comes in multiple capacities: from 2,000 to 500,000 lb. (1 to 250 t)
- Range of fastening accessories: the Dynafor Pro is compatible with the traditional shackles
- Radio-frequency 2.4 GHz chipset for a wireless range of up to 1,300 ft. (400 m) with Tractel Dynafor HHD, large display AL63 (650 ft. [200 m]), DMU and software accessories
- Bluetooth chipset for a connection to any smart device equipped with our free app, up to 100 ft. (30 m)

Up to 1,000 hours
of autonomy
on standard AA
batteries





TECHNICAL FEATURES

- Units: kg, t, daN, kN, lb., US t
- Protection class: IP64
- Operating temperature: -4°F to 122°F (-20°C to 50°C)

APPLICABLE STANDARDS

- Radio, EMC and Machinery EU standards
- UL and CSA Approval

Model	Description	Maximum capacity	Code
Dynafor Pro 1 t	Sensor only	2,000 lb. (1 t)	293369
Dynafor Pro 3.2 t	Sensor only	6,400 lb. (3.2 t)	293379
Dynafor Pro 6.5 t	Sensor only	13,000 lb. (6.5 t)	293389
Dynafor Pro 15 t	Sensor only	30,000 lb. (15 t)	293399
Dynafor Pro 25 t	Sensor only	50,000 lb. (25 t)	293409
Dynafor Pro 50 t	Sensor only	100,000 lb. (50 t)	293419
Dynafor Pro 100 t	Sensor only	200,000 lb. (100 t)	293429
Dynafor Pro 250 t	Sensor only	500,000 lb. (250 t)	299449



DOWNLOAD OUR FREE DYNAFOR APP: DYNAFOR LOAD CELL MONITORING

The free Dynafor app allows you to connect our Bluetooth enabled range of load cells to iOS or Android devices.



1,300 ft.
(400 m)



100 ft.
(30 m)





DYNAFOR PRO

Complete versatility of the Dynafor Pro with different accessories



DYNAFOR HHD

Intuitive and equipped with a coloured-LED display, the Dynafor HHD is a complete and versatile handheld display, which offers endless functionalities.

Universal, the Dynafor HHD can be connected to our Dynafor Pro, Dynafor Expert and Dynafor Transmitter WL. Up to four equipment can be simultaneously connected.

DYNAFOR AL63

The Dynafor AL63 is designed to visualize the efforts or loads measured by one up to four sensors in a large display.

It can be wirelessly connected to our Dynafor Pro and Dynafor Expert.

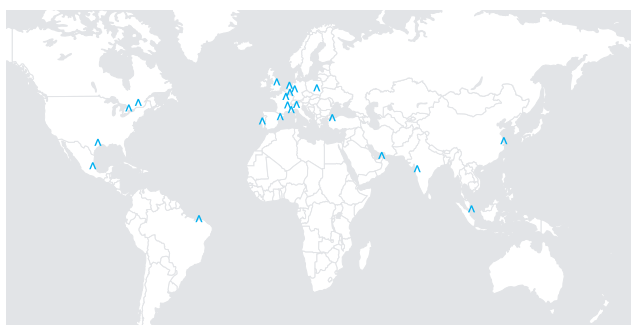
SOFTWARE FOR DYNAFOR: DYNASOFT

The Dynasoft suite is composed of several modules:

- **Dynasoft Download** allows the transfer of measurements stored in our Dynafor HHD to the PC
- **Dynasoft Threshold Management** allows to transfer the alarm data saved in our Dynafor HHD to the PC and to set the thresholds on the PC to send them more easily to the HHD.
- **Dynasoft Monitoring** to perform real-time monitoring, recording and processing. The software needs to be used conjointly with our Dynafor HHD, and one to 16 Dynafor load cells.

Two packages are available. The basic and premium licenses are valid for an initial period of one year, which can be extended on expiration.

Model	Code
Dynafor HHD	293449
Dynafor AL63	294579
Dynasoft Basic Including Download and Threshold Management – First year	293509
Dynasoft Basic Renewal one year	287717
Dynasoft Premium Including Download, Threshold Management, and Monitoring – First year	294479
Dynasoft Premium Renewal one year	287707



CONTACT US FOR A QUOTE

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