



PART OF ALIMAK GROUP



Dynafor Expert

High-precision digital dynamometer series

www.tractel.com

Dynafor Expert

High-precision digital dynamometer series

Our latest development in high-precision load measurement, the Dynafor Expert, offers high accuracy (0.1% of the measuring range). It is suitable for simple to highly complex projects, in these following applications:

- Industry
- Construction sites
- Port area
- Transport centers
- Overhead weighing
- Towing applications
- Force measurement testing

QUALITY

- High precision: ensures a precision of 0.1%: the market reference
- Resistant to shocks and weather: the Dynafor Expert can be used indoors and outdoors with its excellent shock and moisture resistance, complying with protection index IP64
- Crossed fastening planes: The two axles of the sensor are crossed, enabling movements of lifting accessories on both sides, thus avoiding stresses due to load movements and enhancing appliance precision

ERGONOMICS

- Intuitive commands: easy to use with quick access to all the various functions
- Remote reading of data with Tractel Dynafor HHD with wireless range 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

- Extended range. Comes in multiple capacities: from 1,000 to 20,000 lb. (0.5 to 10 t)
- Range of fastening accessories: the Dynafor Expert is compatible with the traditional shackles and with accessories for all standard chains currently on the market
- Radio-frequency 2.4 GHz chipset for wireless range up to 1,300 ft. (400 m) with Tractel Dynafor HHD, large displays AL128 (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)

TECHNICAL CHARACTERISTICS

- Units: kg, t, daN, kN, lb., ton (US)
- Protection class: IP64
- Operating temperature: -4°F to 120°F (-20°C to 50°C)

APPLICABLE STANDARDS

- Radio certification:
 - FCC Part 15 (US)
 - Approved by Industry Canada



[Download our free Dynafor app today](#)

Dynafor load cell monitoring

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



Dynafor Expert

High-precision digital dynamometer series

Complete versatility of the Dynafor Expert with different accessories



Dynafor HHD

- Complete and versatile handheld display
- Up to 4 sensors can be simultaneously connected
- Colour-LED display
- Can reach a wireless range of 1,300 ft. (400 m)



Bow shackle



Clevis shackle



Hook

CODE	MODEL NAME	WORKING LOAD LIMIT
293299	Dynafor Expert 0.5	1,000 lb. (0.5 t)
293309	Dynafor Expert 1	2,000 lb. (1 t)
293319	Dynafor Expert 2	4,000 lb. (2 t)
293329	Dynafor Expert 3.2	6,400 lb. (3.2 t)
293339	Dynafor Expert 5	10,000 lb. (5 t)
293349	Dynafor Expert 6.3	12,600 lb. (6.3 t)
293359	Dynafor Expert 10	20,000 lb. (10 t)
281067	Option: IP 67	–
293449	Dynafor HHD for sales as kit only	–
293489	Display kit Dynafor AL128	–

Tractel supports you in your project and offers you a wide range of dynamometers.
Contact us for more information!

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