

**LLX2 ELECTRONIC / DIGITAL –  
DYNAMOMETERS**

**DYNAFOR™ Offer an extensive range of load link dynamometers based on the strain gauges technology. This State-of-the art technology is utilised in the new generation LLX2 and LLXH, the connection between sensor and display, USB connection between display and PC, and monitoring software.**

DYNAFOR™ LLX2 devices are precision load indicators to measure tensile forces (N) and to determine hanging loads (kg).

One DYNAFOR™ LLX2 units consists of a sensor and a remotely installed display (2.4GHz connection).



**LLX2-3.2 shown**

**Extended Range**

- Comes in seven capacities: 0.5T, 1T, 2T, 3.2T, 5T, 6.3T and 10T.

**Removable Display**

- The LLX2 display attaches securely to the sensor unit or can be held in your hand for remote operation.

**Crossed Fastening Planes**

- The two axis of the sensor are crossed, enabling movements of lifting accessories on both sides, thus avoiding stresses due to load movements and enhancing appliance precision (Coplanar version available on request).

**Resistant To Shock and Weather**

- The Dynafor LLX2 can be used indoors and outdoors, with excellent shock and moisture resistance, rated to IP66 protection.

**High Precision**

- The Dynafor LLX2 has an accuracy of 0.1%, the industry standard.

**A Wireless Link with 80 Metre Range**

- With its 2.4GHz frequency band, the Dynafor LLX2 provides a large operating range (80 metres) and can be used simultaneously in an environment with no risk of interference where a number of different devices are operating.

**High Endurance**

- Sensor battery life: 300 to 1000 hours, depending on functions used, and 3000 hours while on standby.
- Display battery life: 48 hours while in use.

**Intuitive Commands**

- Use of and access to the various functions is fast and easy.

**Interchangeable Displays**

- The Dynafor LLX2 uses a single model display for all models, ensuring high utilisation and flexibility.

**Several Sensors and Displays can be Associated**

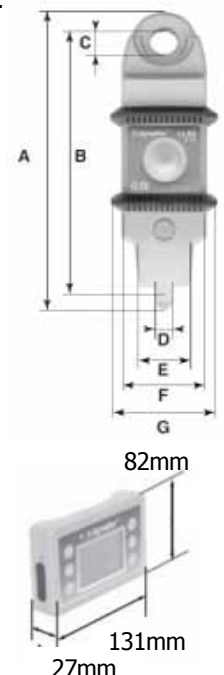
- Up to 4 sensors can be associated to up to 4 displays each.

**PC Link**

- The optional PC Connection Kit (PC to LLX2 via USB) allows advanced processing of measurement data.

**SPECIFICATIONS**

MODEL		LLX2-0.5	LLX2-1	LLX2-2	LLX2-3.2	LLX2-5	LLX2-6.3	LLX2-10	Display Unit
Maximum capacity	Tonne	0.5	1	2	3.2	5	6.3	10	All
Test load	Tonne	0.75	1.5	3	4.8	7.5	9.6	15	-
Safety coefficient		Minimum 4							
Precision		0.1% according to ISO 376 at 21°C (I.P. 67 = 0.2%)							
Increment	daN	0.5	1	2	3.2	5	6.3	10	-
Max. Display	daN	0.1	0.2	0.5	0.5	1	1	2	<
Number height	mm	550	1100	2200	3520	5500	6930	11000	<
Autonomy		From 300 to 1000 h depending of functions							
Radio scope	m	80 (in open field) (IP67 = 60)							
RF Technology		2.4 Ghz							
Weight	kg	2.300			3.350		6.45		0.180
IP Protection		IP 66 NEMA 4 (option : IP 67)							
Usage		From - 20° to 40°C							
Sensitivity to T°		0.05% per 10°C							
Head Material		Steel							
Sensor Material		Aluminium						Steel	
Dimensions mm	A	248	24	248	248	290	290	341	-
	B	224	224	224	224	254	254	296	-
	C	Ø 20	Ø 20	Ø 20	Ø 20	Ø 28	Ø 28	Ø 40	-
	D	10	10	1	10	1	16	20	-
	E	24	24	24	24	35	35	5	-
	F	80	80	80	80	80	80	80	-
	G	100	100	100	100	100	100	100	-



**82mm**

**131mm  
27mm**