



SPECIALISED FORCE
HYDRAULIC TOOLS &
SPECIALISED EQUIPMENT
PTY. LTD.

Test, Measurement & Dynamometers



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TEST, MEASUREMENT & DYNAMOMETERS

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ALDON
 CO

RAIL PULLER "RAILPULL" (MADE IN USA)

MODEL NO. 4023-74

The RailPull rail puller from Aldon brings rail back into gauge after a derailment so rerailing can proceed. Cars can temporarily pass over Rail Pull saddles until rails can be re-gauged. You can use a 1/2" sq. dr. ratchet wrench and 1/2" sq. dr by 1" 8-point impact socket for the securing bolts.

FEATURES

- Solid formed plate 12.7mm steel
- No welded joints to crack

SPECIFICATIONS

Model No.	Wt (kg)
4023-74	35



TRACK GAUGE SPREADER (MADE IN USA)

MODEL NO. 4023 SERIES

Grabs rail head or base to pull or push rails into desired gauge. Can be used in both regular track and within switches. One end of the head-of-rail Spreader model has a double jaw, one of which is offset to lift Spreader above switch point or heel block. Gauging range 406mm. Reversible ratchet wrench with flip key to change movement direction. Useful for correcting track after derailment and when installing gauge rods. 4023-50 Head of Rail is shown in the image on the right.



Model No.	Description	Gauging Range (mm)	Wt (kg)
4023-50	Head of Rail (Non-Insulated)	406	10.9
4023-51	Base of Rail (Non-Insulated)	406	10.9
4023-52	Base of Rail (Insulated)	406	10.9

RAIL GAUGES (MADE IN CANADA)



UNI-GAGE - MODEL NO. 446401AUS

The IPS Uni-Gage is a precision measuring instrument that has been designed and calibrated to accurately measure rail wear on a wide range of rail profiles. Manufactured from high grade aluminum and stainless steel, the Uni-Gage is suitable for 41, 47, 50, 53, 60 and 68kg rail sections in the one gauge.

Please Note: For new rail without previous wear, both horizontal and vertical scales should read zero. To maximise rail wear gauge longevity and performance, rail wear gauges should be stored away in a protective case as supplied with the unit.

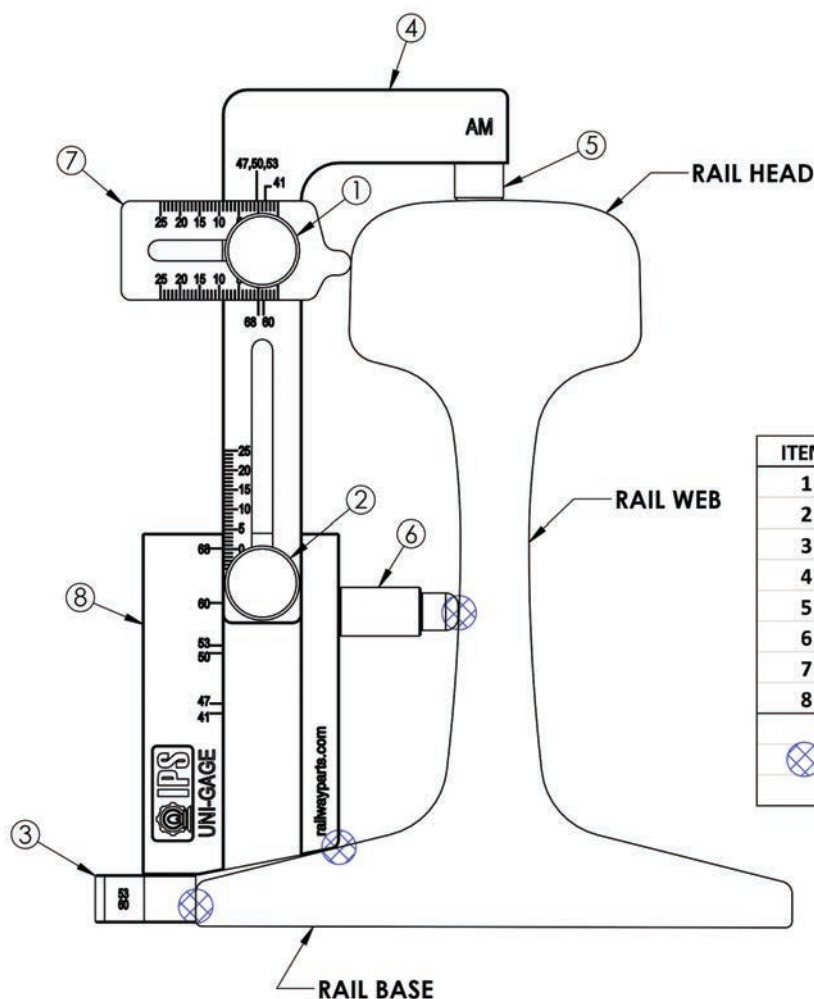
FEATURES

- Leather holster with belt loop
- Manufactured from high grade aluminium and stainless steel



SPECIFICATIONS

Model No.	Suits Rail (kg)	Unit Wt (kg)
446401AUS	41, 47, 50, 53, 60 & 68	1.81



ITEM	DESCRIPTION
1	UPPER ADJUSTING KNOB
2	LOWER ADJUSTING KNOB
3	ROTATING DIAL
4	HEIGHT GAUGE
5	STOP BLOCK
6	SPACER
7	FINGER
8	BODY
	These 3 points must be in contact with rail for an accurate measurement

TRACK LEVEL & GAUGE – ADJUSTABLE ALUMINIUM (MADE IN USA)

ALDON
CO

MODEL NO. 4022-07DUAL

An economical way to measure up to 51mm (2") of gauge variation to 1.59mm (1/16") accuracy. Slide rule action and large type scale for easy reading. Gauge setting can be locked with thumb screw. Also measures cross elevation from 25.4mm (1") to 177.8mm (7") with 3.18mm (1/8") accuracy.



FEATURES



- Two piece, easy to assemble & adjustable
- Lightweight aluminium
- Easy to read measurements
- Supplied with carry bag



SPECIFICATIONS

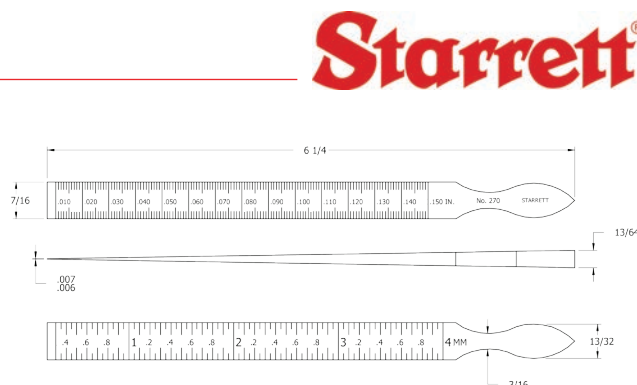
Model No.	Suits Track Type	Gauge Width Markings	Elevation Markings	Wt (kg)
4022-07B	Broad	Metric	Imperial	5
4022-07DUAL	Standard/Broad	Metric	Imperial	5
4022-07N	Narrow	Metric	Imperial	5
4022-07S	Standard	Metric	Imperial	5

RAIL TAPER GAUGES (MADE IN USA)

MODEL NO. 4124-98



4124-98



SPECIFICATIONS

Model No.	Features	Specifications	Unit Wt (kg)
4124-98	Very useful tool for bearing work and for gauging slots. Made of quality tool steel and accurately tapered throughout entire length for quick and convenient measuring. Can be used as a precision shim. One side graduated from 0.010" to 0.150" in thousandths of an inch; the reverse side from 0.3mm to 4mm in one-twentieth of a mm (0.05mm).	Range ("): 010-.150" Range (mm): 0.3-4 Graduations ("): .001" Graduations (mm): 0.05 Length x Width (mm): 160 x 11	Less 0.5

MAGNETIC RAIL THERMOMETER (MADE IN USA)

MODEL NO. PTC SERIES



PTC312CRR

-20°C to +120°C



PTC314CRR

+10°C to +400°C

Quality magnetic thermometer with Celsius gauge type display. Certification of temperature available upon request at additional charge.

SPECIFICATIONS

Model No.	Features	Temperature Range (°C)	Unit Wt (kg)
PTC312CRR	Measurement of temperature in °C	-20°C to +120°C	0.043
PTC314CRR		+10°C to +400°C	0.057

STRAIGHT EDGE

Precision ground carbon steel straight edge with bevelled edge.

Model No.	Length of Tool (m)	Unit Wt (kg)
SE1M	1	2.27



ARTC approved 0.5 & 1.8mm straight edge available upon request

SINGLE READING RAIL TRACK DISTANCE MEASURING WHEEL (MADE IN UK)



For accurate measuring of rail track. This robust, quality measurer was designed with input from international railroad companies and is in daily use worldwide. The heavy duty measuring wheel incorporates metal side plates keeping the wheel stable on the rail.

FEATURES

- Large display mechanical counter
- Adds forward subtracts in reverse
- Range 0 to 99999.9m
- Accuracy $\pm 1\%$
- Supplied complete with carry case
- 3 Year Warranty



Model No.	Accuracy ($\pm\%$)	Weight (kg)
TRU5061	1	5.9



RAIL GAUGE EXPANDERS/PULLERS (MADE IN CANADA)

These expanders and pullers tools were designed for correcting rail gauge. A great tool for rail change out applications or restoring gauges quickly and easily. Also useful in derailment areas and holding gauges during tie renewal programs. Application can be from the base of the rail (Model No. 2310030A) or either base and top of the rail (Model No. 2310030B).



Model No.	Track Alignment (Base/Top)	Suits Gauge*	Bracket Ends*	Suits Rail (kg)	Insulated (Yes/No)	Dimensions (mm)	Weight (kg)
2310030A-N	Base	Narrow 1067mm	2 x Single Sided	41-60	No	51x65x1160	8.7
2310030A	Base	Standard 1435mm	2 x Single Sided	41-60	No	51x65x1524	9.1
2310030A-B	Base	Broad 1600mm	2 x Single Sided	41-60	No	51x65x1765	11.5
2310030B-N	Base or Top	Narrow 1067mm	1 x Single & 1 x Double Sided	41-60	No	51x65x1160	17.5
2310030B	Base or Top	Standard 1435mm	1 x Single & 1 x Double Sided	41-60	No	51x65x1524	18.7
2310030B-B	Base or Top	Broad 1600mm	1 x Single & 1 x Double Sided	41-60	No	51x65x1765	20.1
2310030D-N	Base	Narrow 1067mm	2 x Double Sided	41-60	Yes	51x65x1160	18.4
2310030D	Base	Standard 1435mm	2 x Double Sided	41-60	Yes	51x65x1524	19.6
2310030D-B	Base	Broad 1600mm	2 x Double Sided	41-60	Yes	51x65x1765	22.0

* Rail spreaders are available with single and double sided ends, double bracket ends are used for turn outs

MODEL NO. 4127 SERIES RAIL TRACK GAUGE CONTROL RODS

The main cause of derailments in industrial rail yards is over-wide track gauge. Locomotive and freight car wheels can exert as much as 1814kg of side pressure against the rails. If the ties are spongy, they can lose their spike-holding strength and allow the rails to be pushed over from wheel side pressure. A between-the-rails derailment requires cranelifting to put the car or engine back on the rails and extensive track repair.

A pair of iron jaws at each end of the double-ended gauge rod grip the rail base to hold the rails to gauge and keep the rails upright against wheel pressure.

For curved track, use the single-ended gauge rod. Jaws at one end attach to the base of the outer curved rail, which receives the greatest wheel side pressure. The hook at the other end grabs the base of the inner rail.

A simple preventive measure for gauge spread is to install Aldon double-ended gauge control rods every 2.4m in high traffic track. If your switches do not have gauge plates at the points end, install a double-ended gauge rod at the approach to the switch as well.

Model No.	Type	Weight (kg)
4127-01	Single End	12.7
4127-02	Double End	17.3



4127-01



4127-02

MODEL NO. 4024-54 TWO MAN CARRYING POLE

Workers can easily carry heavy, bulky items with this 2-man carrying pole. Perfect for rerailers and derailleurs. The pole is manufactured from steel tubing, 2.44m long with snap hook in the centre.

Model No.	Length (m)	Weight (kg)
4024-54	2.44	4.6



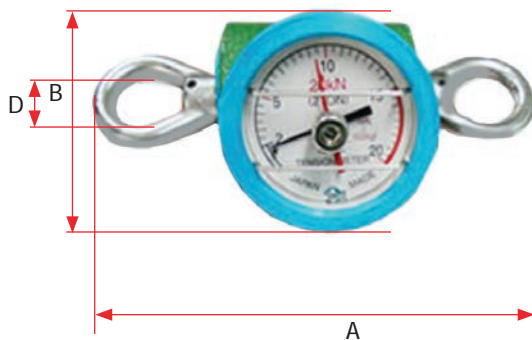
CHECK
WITH YOUR
SAFETY OFFICER
WHAT IS "SAFE"
TO LIFT

DYNAMOMETERS AND LOAD CELLS (MADE IN JAPAN)

HI-TOOL CO., LTD

FEATURES

- Compact, lightweight, rugged construction.
- Designed for line work.
- Graduated in kN (1 kilo newton "kN" = 102 kg force).
- Accuracy +/- 3% full scale.
- Both pulling eyes rotate 360°.
- Optional maximum reading indicator pointer kit available for easy installation.
- Optional easily installed screw-on face with twin steel protective bars also available.
- Each tool is serial numbered and supplied in a heavy duty fabric case with calibration certificate.



Model No.	Capacity (kN)	Capacity (Tonne)	Graduation (kN)	A (mm)	B - Body Ø (mm)	C (mm)	D (mm)	Weight (kg)
TM-5 COMPLETE*	5	0.5	0.1	160	75	90	20	0.9
TM-10 COMPLETE*	10	1.0	0.2	190	75	90	25	1.0
TM-20 COMPLETE*	20	2.0	0.5	190	75	90	25	1.1
TM-30 COMPLETE*	30	3.0	0.5	240	75	95	35	1.9
TM-50 COMPLETE*	50	5.0	1.0	250	90	120	35	2.6
TM-100 COMPLETE*	100	10.0	2.0	350	110	140	50	6.0

*SUPPLIED WITH PROTECTION BARS & MAX LOAD INDICATOR

SPARE PARTS



GLASS PROTECTION BARS

Model No. **TM5/30 BARS**
Suits TM-5 to TM-30 Dynamometers

Model No. **TM50/100 BARS**
Suits TM-50 to TM-100 Dynamometers



MAXIMUM LOAD INDICATOR

Model No. **TM5/30 POINTER**
Suits TM-5 to TM-30 Dynamometers

Model No. **TM50/100 POINTER**
Suits TM-50 to TM-100 Dynamometers

LLZ2 ELECTRONIC DYNAMOMETERS

The TRACTEL® dynafor™ LLZ2 is a precision industrial dynamometer to measure tensile forces or suspended loads.

QUALITY

- Rugged and lightweight
- Integrated LCD screen
- Screen protected by strong protections side and front
- Battery life: 350 h
- Safety factor > 4

VERSATILITY

- Wide range available: 1t to 20t
- Usable in all positions, in combination with mooring of standard accessories
- Sealing IP65 / NEMA 4: Allows use of the device outside
- Temperature: -20 ° C to + 50 ° C

ERGONOMICS

- Cut corners: risks minimized hooking during lifting operations
- Good readability: height of digits on the LCD: 18 mm

ACCURACY

- Designed to measure tension efforts (Newtons) or suspended mass (kg)
- Accuracy 0.3%

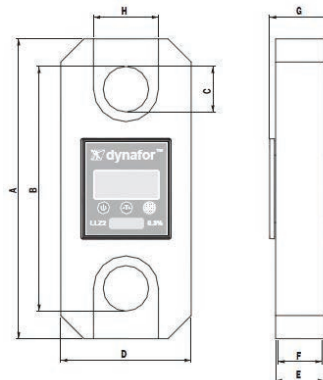
TECHNICAL CHARACTERISTICS

- Capacities from 1 000 to 20 000 kg
- High precision: $\pm 0.3\%$ of Full Scale
- Supplied in plastic case with foam wedge
- Complies with Directive 2006/42/EC
- CE compliant

SPECIFICATIONS

Model No.	LLZ2 1t	LLZ2 3.2t	LLZ2 6.3t	LLZ2 12.5t	LLZ2 20t	
WLL (tonne)	1	3.2	6.3	12.5	20.0	
Test Load (tonne)	1.5	4.8	9.6	18.75	30	
Safety Factor	4					
Precision	0.3% Full Scale					
+/- (kg)	3	9.6	18.9	37.5	60	
Increment (kg)	1	5	10	20	50	
Maximum Display (kg)	110% of the WLL					
Conversion Factor						
Dynamic effects filter by sliding average calculation in 2 seconds						
Digit Height (mm)	17.8					
Autonomy	350 Hours					
Weight (kg)	0.75	0.93	1.44	3.22	4.95	
IP Protection	IP 65					
Working T°	-20° to + 50°C					
Sensor Material	Aluminium					
Measurements (mm)	A	191	191	236	277	342
	B	164	164	184	226	264
	C	22	22	28	42	54
	D	83.5	99.5	121.5	120.5	147
	E	22	22	22	45	45
	F	19.8	19.8	19.8	40.5	40.5
	G	36.4	36.4	36.4	59.4	59.4
	H	37.6	44.8	54.7	60	73.5

NOTE: Precision and Traceability Certified by Adjustment Certificate on 5 steps.



LLX1 ELECTRONIC / DIGITAL – DYNAMOMETERS

DESCRIPTION

The dynafor™ LLX1 dynamometers are precision force sensors used to measure forces and indicate loads. Enables use of standard shackles on both ends.

OPERATING PRINCIPLE

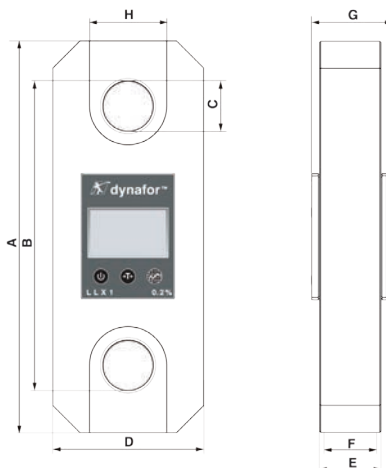
Strain gauge measurement of the extension, within its limits of elasticity, of a metal body subjected to traction stress. The sensor generates an electrical signal that is proportional to the load. This signal is processed by a micro-processor analyser and then displayed on a built in LCD display.

TECHNICAL SPECIFICATIONS

- Capacities from 500kg up to 20 Tonne
- Precision: 0.2% of full scale
- Safety coefficient : minimum 4
- Power supply : 3 batteries 1.5VDC "AA" or 3 rechargeable batteries 1.2VDC "AA"
- Packaging : plastic carrying case
- Protection : IP 65 (NEMA 4)

OPTIONS AND ACCESSORIES

- Radio Remote display, type LLX1.



MODEL: LLX1-REMOTE



Model No.		LLX1-0.5	LLX1-1	LLX1-2	LLX1-3.2	LLX1-5	LLX1-6.3	LLX1-12.5	LLX1-20
Maximum Capacity	Tonne	0.5	1.0	2.0	3.2	5.0	6.3	12.5	20.0
Test Load	Tonne	0.75	1.50	3.00	4.80	7.50	9.60	18.75	30.00
Safety Coefficient		Minimum 4							
Precision	± daN	0.2 % FS							
		1	2	4	6	10	13	25	40
Increment	daN	0.2	0.5	1	1	2	2	5	10
Max. Display	daN	110 % maximum capacity							
Number Height	mm	18							
Autonomy		450h (Batteries 1.5 V "AA ")							
Weight	kg	1.1	1.1	1.3	1.5	2.3	2.3	4.3	7
IP Protection		I.P. 65							
Usafe		From - 20° to 40°C							
Sensitivity to T°		0.05% per 10°C							
Sensor Material		Aluminium							
Dimensions mm	A	220	220	233	243	275	275	343	371
	B	196	196	207	207	217	217	257	269
	C	14	14	22	22	28	28	42	54
	D	90	90	100	100	115	115	125	134
	E	32	32	32	32	32	32	51	67
	F	16	16	24	24	29	29	48	64
	G	47.5	47.5	47.5	47.5	47.5	47.5	66.5	67
	H	45	45	50	50	57	57	62	66
Radio Option		RF technology: Zigbee 2.4 GHz				Range : 40 m in free field, see details § 14			

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

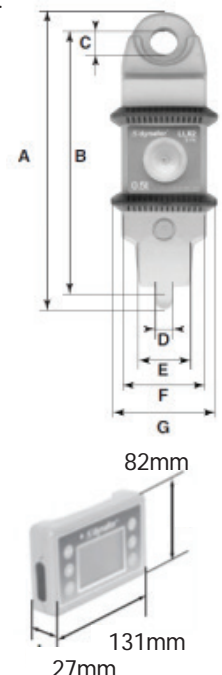
- Up to 4 sensors can be associated to up to 4 displays each.

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		-	-	-	-	-	-	-	25	
Radio scope	m	From 300 to 1000 h depending of functions								48 h
RF Technology		80 (in open field) (IP67 = 60)								
Weight	kg	2.300				2.4 Ghz				
IP Protection		3.350						6.45	0.180	
Usage		IP 66 NEMA 4 (option : IP 67)								IP 54
Sensitivity to T°		From - 20° to 40°C								
Head Material		0.05% per 10°C								
Sensor Material		Steel								-
Dimensions mm		Aluminium						Steel	-	
	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

LLXH 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.

The dynafor™ LLXH (h for hybrid) are precision appliances for measuring pulling force and indicating loads.

They combine the proven mechanical body of the LLX with the new electronic software from the LLX2.

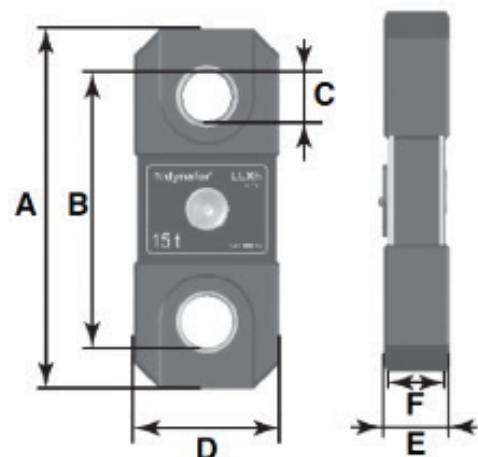
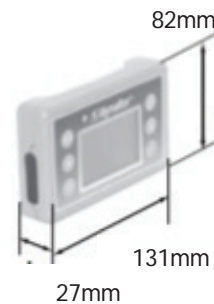
They are precise within +/- 0.2% and are available from 15T (150kN) to 250T (2,500kN).



LLXH-25T shown

SPECIFICATIONS

MODEL		LLXH 15T	LLXH 25T	LLXH 50T	LLXH 100T	LLXH 250T	Display
Maximum capacity	Tonne	15	25	50	100	250	ALL
Test load	Tonne	30	50	100	200	500	-
Safety coefficient		Minimum					-
Precision		0.2% according to ISO 376 . 21°C					-
	daN	30	50	100	200	500	-
Increment	daN	5	10	20	50	100	<
Max. display		16500 daN	27500 daN	55000 daN	110.00 t	275.00 t	<
Number height	mm	-	-	-	-	-	25
Autonomy		From 300 to 1000 h depending of functions					48 h
Radio scope	m	80 (in open field) (IP67 = 60)					
RF Technology		2.4 Ghz					
Weight	kg	4	6.6	15.1	46	215	0.180
IP Protection		IP 65 (option : IP 67)					IP 54
Usage		From - 20° to 40°C					
Sensitivity to T°		0.05% per 10°C					
Sensor material		Aluminium					-
Dimensions (mm)	A	320	360	440	660	905	-
	B	247.5	277	338	488	685	-
	C	47.5	56	72	108	150	-
	D	130	134	164	260	424	-
	E	58	68	98	118	248	-
	F	48	58	86	104	190	-



RTM - ROPE TENSION METER

The RTM can be used in applications where accurate measurement in pre-loaded wire ropes is required. Such applications can be stay ropes, suspension ropes, catenary ropes etc. The RTM is applied direct to the rope and the measured tension value is presented digitally.

RANGE OF APPLICATION

The RTM was designed to swiftly and accurately measure the tension in fixed or stationary ropes or cables i.e. guy wires for masts and/or towers or other guyed constructions. The RTM will also be very useful in determining the tension in overhead suspension ropes for railways catenary's. The RTM can be used to measure tension forces up to 20 metric ton and for wire ropes with a diameter of up to 38 mm. Thanks to the use of microprocessor technology the RTM can be calibrated on up to 10 different wire rope dimensions/types. The digital read out display will clearly show the tension of the wire rope selected. No calibration tables are required.

FUNCTION

The RTM is very simple and handy to use. Simply hold and "clip" it to the rope to be tested and use the large hand screw to deflect the rope to a fixed angle. The resultant force will then affect the load cell and measure the tension in the wire rope. The resultant signal is digitally processed and displayed in a graduation selected and pre-programmed. The RTM can be graduated in kN, klb or in metric ton.

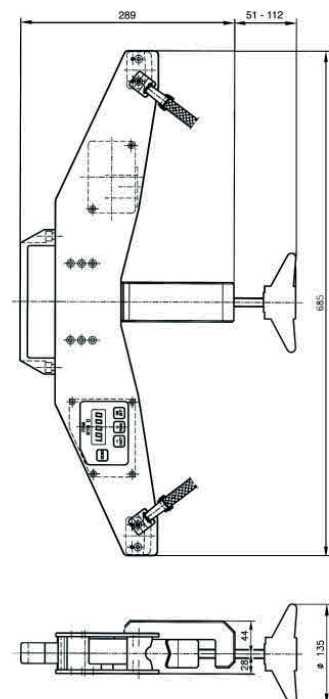
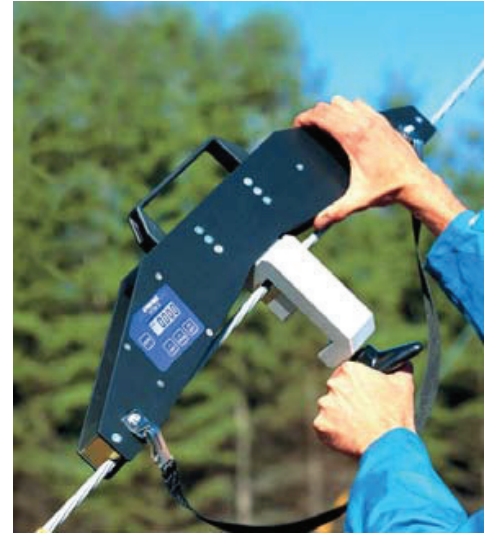
SAFETY

The RTM is a delicate testing instrument for swift, handy and accurate testing of pre-tensioned stationary ropes. Thanks to the design of the instrument it can temporarily be overloaded with 100% of its nominal capacity without affecting the accuracy of the instrument. Tempered outer rope supports and centre clamping jaw give the instrument a long service life with accurate measurements. The RTM is delivered in a robust and light weight transport case (760 x 400 x 170 mm) for easy handling and protection of the instrument.

SPECIFICATIONS

Capacity (Measurement Range)	2 – 20 ton
Rope OD	6 – 38mm
Numbers of Ropes to be Stored	Up to 10 (factory programmed)*
Accuracy	2 – 6% of max. capacity (Dependant on wire rope type and characteristics)
Display	Digits 12mm, LCD, 0-19999
Battery	9V Standard, 6LR61 or equivalent
Operating Time	25 Hours
Material	Corrosion and weather resistant, side plates anodised aluminium
Dimensions	135mm x 380mm x 685mm
Weight	6.2kg
Temperature Range	-20 to +60°C
Protection Class	Conforms to class IP 65 according to IEC 529. NEMA 13.

*1st Rope Calibration Free



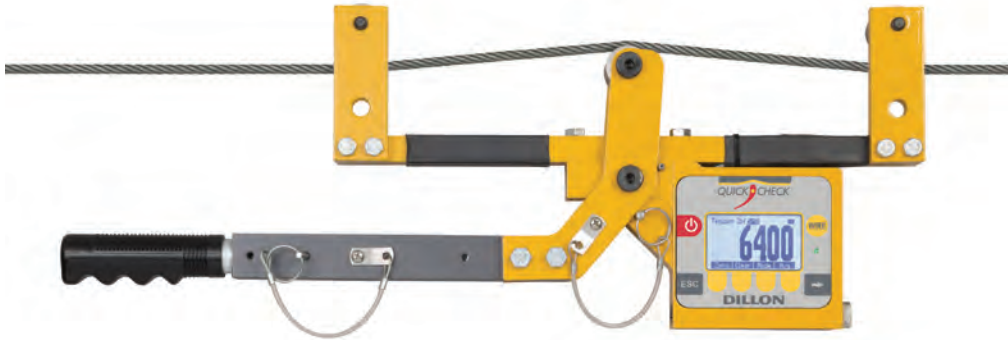
Contact Specialised Force for Tension Meter Sizes & Pricing

QUICK CHECK "RED" CABLE/WIRE TENSION METER

DILLON

CHECK YOUR CABLE/WIRE TENSION IN SECONDS!

The Dillon Quick-Check can be placed on a cable, measure the tension and be removed in seconds! There are no complex lookup tables and no conversion charts. The operator can quickly select from 20 different wire sizes and types stored in Quick-Check's memory. The Check-Tensioning mode graphically displays the current and target tensions for extremely quick setting of line tension.



Broad Application

The Quick-Check can be employed in many industries to ensure proper tensioning. Typical applications include tower and stack guy wires, pre-tensioned cable barriers, bridges, elevators, winch rope, prestressed concrete, aircraft cables, overhead railway transit wires, fall arrest systems, utilities and much, much more.

FEATURES

- Accommodates a wide range of wire sizes and styles
- Telescoping handle length facilitates easy placement on cable
- Built-in averaging saves time and eliminates errors
- Stores calibrations for up to 20 unique wire sizes and types
- Stores wire rope reading and data can be exported (RS-232 port)
- Built-in temperature sensor with patented automatic tension adjustment
- Sheaves with bearings eliminate friction and provide the best accuracy
- Easy-to-read backlit display with full-text prompts and easy to use soft key interface
- Uses standard AA batteries - Up to 250hrs (Tested with back-light off)
- Time saving check-tensioning mode
- Portable and rugged – designed for outdoor use
- Carry case included



Please contact Specialised Force to discuss your requirements - units programmed specifically to order.

SPECIFICATIONS OF UNIT

Model No.	Tension Capability (kN/kg)	Wire Size (mm)	Accuracy* (±) %	No. of Calibrations	Temp Range °C	Sheave Range (mm) ¹	Re-Calibration	Size (cm)	Wt (kg)
AWT05-508112	10/1000	4.76-25.4	3-5	Up to 20 Independent	-20 to 70	<12.7	24 Months, Sooner with Frequent Use	25x59x8	5
AWT05-508111	45/4500								
36328-0017MTS (Included)								Carry Case - Medium Duty, Die Cut Density Foam	

* ±3% instrument capacity (calibrated to specific wire size & type, ±5% with same wire diameter as calibrated but different wire type).

¹ Sheave accommodates wire size 12.7mm smaller.

Model No.	Sheave Code	Accommodates Wire Diameters (mm)
36309-0085	L	4.75-6.5
36309-0044*	P	4.75-12.7
36309-0010	S	6.5-19.0
36309-0101	T	12.7-25.4

* "P" Sheave included. Additional sheaves to be ordered according to your cable/wire size

NOTE: The first wire calibration is included, all others are charged, with pricing reduced the more you order (In Multiples of: 2-5, 6-10 & 11-15).



DISPLAY RESOLUTION

10kN/1000kgf Quick-Check Instrument

Model No.	Displayed Resolution Setting		
	Low	Medium	High
AWT05-508112			
Kilogram-Force (kgf)	5	2	1
Newton (N)	50	20	10

45kN/4500kgf Quick-Check Instrument

Model No.	Displayed Resolution Setting		
	Low	Medium	High
AWT05-508111			
Kilogram-Force (kgf)	20	10	5
Newton (N)	200	100	50