

Torqueleader Torque Calibration Analysers

Mechanical, analogue torque calibration analysers

Wide Range

Fifteen models covering a torque range of 0.5cN.m to 4000 N.m.

Versatile

Specifically designed to set and calibrate the complete range of Torqueleader Torque Wrenches, Screwdrivers and Handles.

Suitable for many other torque applications, eg. setting slipping clutches, friction measurement, etc.

Easy to use

All analysers feature clear, easy-to-read scales.

Enclosed mechanism

Mechanism is totally enclosed in attractively finished die-cast aluminium housings - designed for bench mounting.

Calibration certificate

All models supplied with traceable calibration certificate.

DM 10/7 Magnatorque model

Repeatable accuracy to $\pm 2\%$ of reading.

Bi-directional mechanism.

Supplied with $\frac{1}{4}$ " male hex adaptor.

TCA models

Repeatable accuracy $\pm 2\%$ of reading.

Slave pointer and built-in needle shock absorber supplied as standard.

Drive adaptors included (see table on facing page).

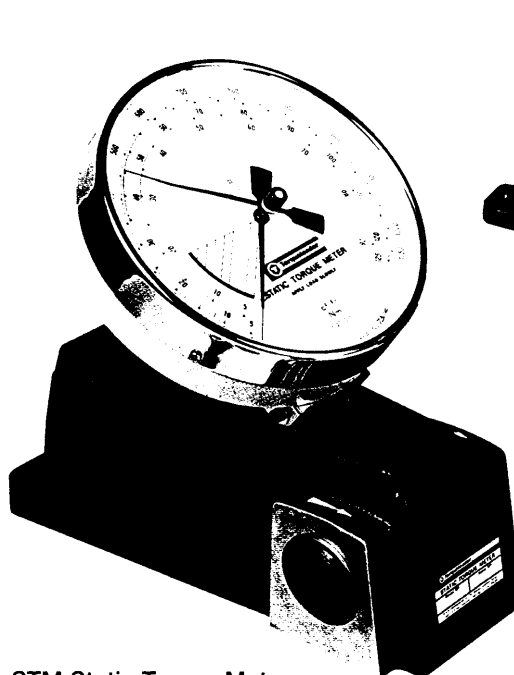
Single direction mechanism for clockwise use.

Anti-clockwise conversion kit available - see page 50.

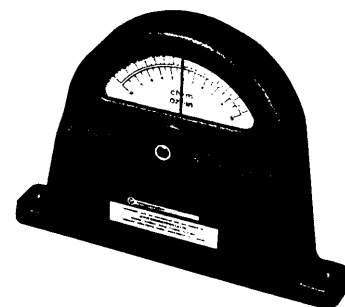
STM models

Hydraulic load cell mechanism guarantees accuracy of $\pm 1\%$ full scale.

Slave pointer and drive adaptors included.



STM Static Torque Meter



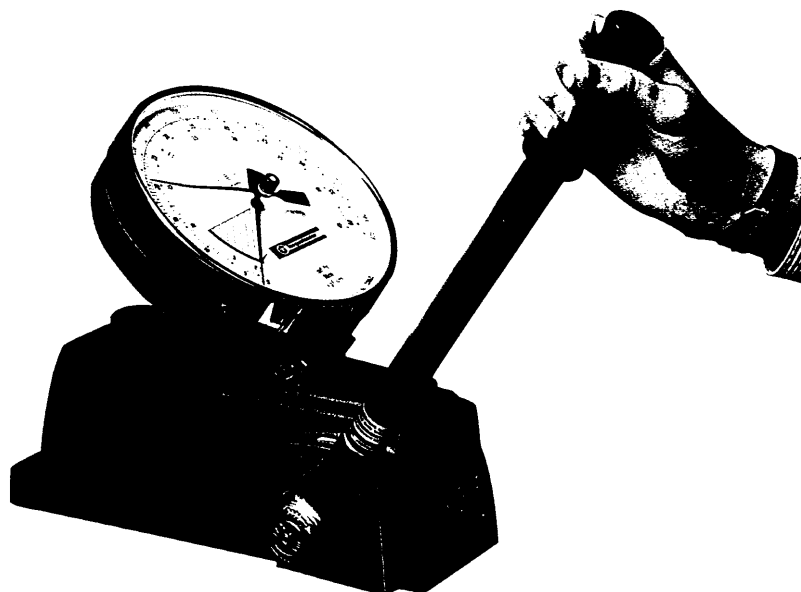
Magnatorque DM 10/7



The preferred and certified ranges of these instruments meet the specified measuring range as detailed in ISO 6789:1992.



TCA Analyser



The STM Static Torque Meter is ideal for setting and checking tools such as the TSN 125 shown here.

Torqueleader Torque Calibration Analysers

Torqueleader Magnatorque Analyser

MODEL	ORDERING CODE	RANGE (DUAL SCALE)				 kg lb	ADAPTOR
		ISO	SCALE SUB-DIVS	IMPERIAL	SCALE SUB-DIVS		
DM 10/7	013000	0-7 cN.m	0.5 cN.m	0-10 ozf.in	1 ozf.in	1.35 3	•

Torqueleader TCA Analysers

MODEL	ORDERING CODE	CALIBRATED RANGE (DUAL SCALE)				 kg lb	ADAPTOR
		ISO	SCALE SUB-DIVS	IMPERIAL	SCALE SUB-DIVS		
TCA 50/35	013100	7-35 cN.m	0.5 cN.m	10-50 ozf.in	0.5 ozf.in	1.9 4.3	◆ ★
TCA 100/70	013200	14-70 cN.m	1 cN.m	20-100 ozf.in	1 ozf.in	1.9 4.3	◆ ★
TCA 180/120	013450	26-130 cN.m	2 cN.m	36-180 ozf.in	2 ozf.in	1.9 4.3	◆ ★
TCA 36/4	013300	0.05 N.m	0.8-4 N.m	7.2-36 lbf.in	0.5 lbf.in	1.9 4.3	◆ ★
TCA 120/12	013400	2.4-12 N.m	0.2 N.m	24-120 lbf.in	2 lbf.in	1.9 4.3	◆ ■
TCA 240/26	013500	5.4-27 N.m	0.5 N.m	48-240 lbf.in	5 lbf.in	2.05 4.52	◆ ■

Drive Adaptors supplied with Analysers or available separately

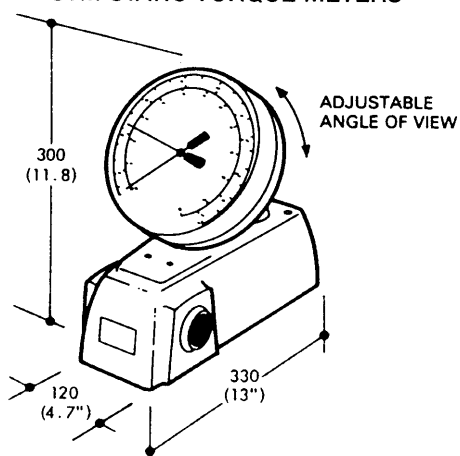
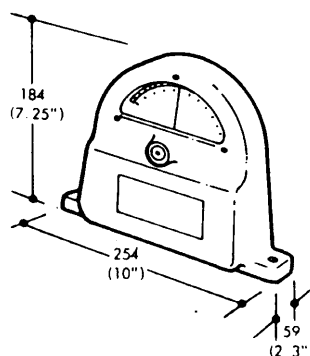
 1/4" M/Hex - Blade P14820	 1/4" F/Sq A74331	 3/8" F/Sq A74332	 1/4" M/Hex A74333	 Soft Blank for Adaption A74334
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Torqueleader Static Torque Meters

MODEL CODE	ORDERING	CALIBRATED RANGE (TRIPLE SCALE)						SQUARE DRIVE ADAPTORS (INCH) 	kg lb
		ISO	SUB-DIVS	IMPERIAL	SUB-DIVS	METRIC	SUB-DIVS		
STM 60/INS	023010	12 - 60 N.m	0.5 N.m	110 - 550 lbf.in	5 lbf.in	125 - 625 kgf.cm	5 kgf.cm	3/8 1/2	9 20
STM 60	023000	12 - 60 N.m	0.5 N.m	9.2 - 46 lbf.ft	0.5 lbf.ft	125 - 625 kgf.cm	5 kgf.cm	3/8 1/2	9 20
STM 125	023020	25 - 125 N.m	1 N.m	18 - 92 lbf.ft	1 lbf.ft	250 - 1250 kgf.cm	10 kgf.cm	3/8 1/2 3/4	9 20
STM 250	023040	50 - 250 N.m	2 N.m	38 - 184 lbf.ft	2 lbf.ft	5 - 25 kgf.m	0.2 kgf.m	3/8 1/2 3/4	9 20
STM 500	023060	100 - 500 N.m	5 N.m	74 - 370 lbf.ft	5 lbf.ft	10 - 50 kgf.m	0.5 kgf.m	1/2 3/4 1	9 20
STM 1000	023080	200 - 1000 N.m	10 N.m	150 - 750 lbf.ft	5 lbf.ft	20 - 100 kgf.m	1 kgf.m	1/2 3/4 1	9 20
STM 2000	023100	400 - 2000 N.m	20 N.m	300 - 1500 lbf.ft	10 lbf.ft	40 - 200 kgf.m	2 kgf.m	1/2 3/4 1	9 20
STM 4000	023120	800 - 4000 N.m	40 N.m	600 - 3000 lbf.ft	20 lbf.ft	80 - 400 kgf.m	4 kgf.m	3/4 1 1 1/2	9 20

STM STATIC TORQUE METERS

DM 10/7 ANALYSER



TCA ANALYSERS

