Mecmesin

testing to perfection

Analogue Force Gauges

pull

push

- accuracy ±2% of full scale

- resolution 1:200

- push or pull operation

- tension and compression

- peak hold function

- intrinsically safe
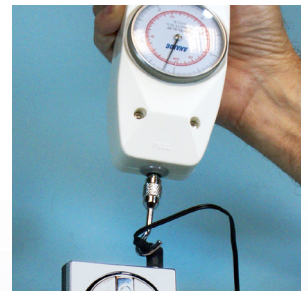
- full set of accessories with carrying case

Our range of analogue push-pull mechanical force gauges provide a cost-effective means of measuring tension and compression. These easy-to-use force gauges are ergonomically designed for handheld use.

Because they are mechanical and require no power supply, analogue force gauges are intrinsically safe and ideal for hazardous and remote environments. For optimum flexibility the dial is graduated in both lbf and newtons with readings accurate to ±2% of full scale.
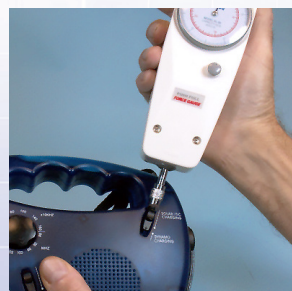
Our analogue force gauges are sold as a kit complete with a set of accessories and hard carrying case. Accessories include a chisel point, compression plate, cone point, extension rod, inverse chisel point and test hook.
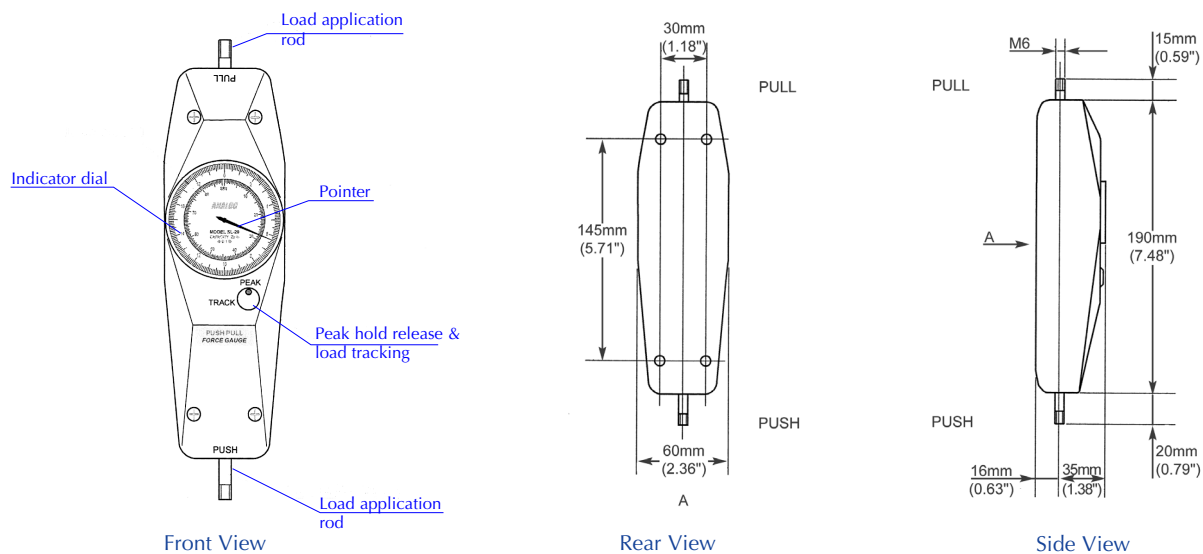
Keypad Test

Wire Pull-out Test

Switch Test

Safety Evaluation of Fire Extinguisher

Dimensions mm (inch)

Load application rod

Indicator dial

Pointer

PULL

PEAK
TRACK

PUSH PULL
FORCE GAUGE

Peak hold release & load tracking

PUSH

Load application rod

Front View

30mm (1.18")

PULL

145mm (5.71")

PUSH

60mm (2.36")

A

Rear View

M6

15mm (0.59")

PULL

A

190mm (7.48")

PUSH

16mm (0.63")

35mm (1.38")

20mm (0.79")

Side View

Specifications

Model	newtons		Pounds	
	Range	Graduation	Range	Graduation
SL-2	8 N	0.05 N	2 lb	0.01 lb
SL-10	44 N	0.2 N	10 lb	0.05 lb
SL-20	88 N	0.5 N	20 lb	0.1 lb
SL-50	220 N	1 N	50 lb	0.2 lb
SL-100	440 N	2 N	100 lb	0.5 lb

Weight	570 g
Accuracy	±2% of full scale
Calibration	Calibration Certificate available upon request

Mecmesin reserves the right to alter equipment specifications without prior notice.

E&OE