

MSI Dyna-Clamp

Tension Meter



Standard Features

- Dual line LCD display
- Two user programmable function keys
- IP65 anodized aluminum frame
- RS-232 port

Additional Options

(Contact MSI for application consultation)

- Heavy-duty carrying case
- RF communication

Part Number/Price

Part #	Description	Tension	Price
189581	MSI Dyna-Clamp line	5,670 kg	Consult

Options/Accessories

Part #	Description	Price
198418	Heavy-duty carrying case	Consult

Specifications

Power:

Battery operated two AA Cell 1.5 V alkaline batteries (can be replaced with rechargeable NiMH cells)

Max Tension:

12,500 lbf

Operating Time:

Alkaline AA Cells 24 hours

Wire Rope:

Diameter 5 mm – 25 mm

Accuracy:

Rated Accuracy $\pm 3\%$ of capacity

Units:

lbf, kgf, kN

Resolution:

Standard 1250-2500 divisions
Internal A/D 24 bits

Two-Line LCD Display:

Primary display (bottom) six, 18 mm numeric digits
Secondary display (top) eight, 13 mm numeric digits

Function Keys:

Programmable keys two (user programmable) – F1, F2 (TEST, UNIT, PRINT, SCROLL, ACTFUN)
Permanent keys two (fixed) – POWER, ZERO

Setpoints:

Two dedicated setpoints for minimum and maximum allowable wire rope tension (LEDs for measurements outside of allowable range)

Auto-Off Mode:

Prolongs battery life by turning POWER off after 15, 30, 45 or 60 minutes of no scale activity (operator determined)

Enclosure:

IP65 anodized aluminum, 2024-T351 Aircraft Quality

Calibration:

Up to eight (8) factory programmed wire rope calibrations

Operating Temp:

-40°C – 50°C

Operator Use:

Outdoor

Storage:

Indoor