

Mecmesin

testing to perfection

Digital Force & Torque Gauges



Advanced Force & Torque Indicator

All the functions of the AFG but without the “internal” loadcell

The Advanced Force & Torque Indicator (AFTI) is a high-specification display unit with all the features and benefits of the AFG, for use with Mecmesin ‘Smart’ force and torque sensors. These plug one-at-a-time into the AFTI enabling it to automatically register either force or torque sensors for a variety of test applications. ‘Smart’ sensors may also be used with Mecmesin’s Advanced Force Gauge (AFG).



Force

- Force sensor (top)
- Force sensor (middle)
- Force sensor (bottom)

Torque

- Torque sensor (top)
- Torque sensor (middle)
- Torque sensor (bottom)

RS232, Mitutoyo, Analogue data output for easy data transmission

RS232 to Bluetooth adaptor (optional extra)

Measurements made in **N, lbf, kgf, kN, N.m, kgf.cm, lbf.in, gf.cm and ozf.in** with a sampling rate of 5000 Hz

Overload warning with **trend bar** and on board memory of 500 readings

Fully interchangeable ‘Smart’ sensors - No need for additional calibration of display or sensor, just ‘Plug & Play’

Tension, compression and torque measurement with full unit conversion of displayed value

1st & ultimate peak capture

0.646
MAX 2 N.m

MAX ESC
LIMIT SAFETY
ZERO TYPICAL
RESET ENTER

AFTI
ADVANCED FORCE & TORQUE INDICATOR

These sensors are ideal for mounting onto your own test rigs and jigs to monitor load application. They can also be used for checking calibration of your machinery to assess whether it is applying the expected load.