

AFTI

ADVANCED FORCE & TORQUE INDICATOR



DUAL FUNCTION KEYBOARD

ADVANCED FORCE & TORQUE INDICATOR AFTI



FUNCTION

The **AFTI** is a **high-specification display unit**, for use with many 'Smart' force and torque sensors.

Ideal for use in production, quality-control or in research and development, its dual-function keypad makes operation simple. With its rugged housing being machined from lightweight aluminium, the ergonomic AFTI is powered through a mains adaptor (supplied) or standard rechargeable AAA batteries.

Interchangeable 'Smart' sensors are plug and play. Simply connect a force or torque sensor to the AFTI and its calibration data will be automatically recognised without any operator input required.



Storage of 500 measurements

Backlit & reversible display

Plug & play connection of external sensors

Audible and visual alarms

Communication:
Traction stand /
Software / RS232

TECHNICAL INFORMATION

Screen	LCD backlit screen with reversible display
Torque measurement units	N.m, mN.m, cN.m, daN.m kgf.cm, gf.cm lbf.in, lbf.ft, ozf.in
Force measurement units	mN, N, kN, gf, kgf, ozf, lbf
Internal Sampling rate	5000 Hz
Dimensions	70x201x32 mm
Weight	650g
Overload index	150 % of the full-scale. Audible alarm
Data output	RS232, digimatic, analogic

FEATURE DETAILS:

- Max and 1st Pic mode - identify critical load points from the test
- High data acquisition - accurately captures breaking force readings
- Audible and visual compliance alarms - immediately alert operators during testing
- Overload warning with bar graph - to minimize accidental sensor damage
- Integrated storage for up to 500 readings - test quickly now and download results later
- Data transfer via RS232, digimatic or analog - data output to a PC or printer for later analysis
- Connection of force and external torque sensors possible - becomes a versatile display for many different applications

DELIVERED WITH:

- Valise de transport
- Chargeur secteur UE 220V
- 5 accus type AAA
- Certificat d'étalonnage raccordé COFRAC
- Notice d'utilisation



OPTIONS

Nombreux capteurs de force et couple (voir catalogue)
Logiciel Vector Pro Lite pour traitement/acquisition des données (1 licence)
Câble AFTI vers port Mitutoyo
Câble AFTI vers RS232
Câble AFTI vers USB Direct
Câble AFTI vers Port Analogique
Logiciel DataXport pour export des données vers Excel



ACRN A GLOBAL OFFER *for your packaging quality controls*



Calibration and annual maintenance

ACRN is equipped with a metrology laboratory.

Setting up tests, choice of materials, state of the art, work on repeatability

we can advise you according to your needs (tecnology, budget, ergonomics).

Leak testing and dynamometric testing

Our skills and equipment for leak testing and dynamometric testing for packaging

Major manufacturers have trusted us for many years

