

ELECTRONIC TORQUEMETER NCA



**ADVANCED FEATURES
FOR YOUR QUALITY CONTROLS**

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FUNCTION

This table-top torque meter model is designed for precise, fast and complete measurement for screwing and unscrewing, in order to optimize packaging control as a whole, suitable for laboratory environments.

NCA STRENGTHS:

- **A quality control assistance**

It embeds tools such as Pass/Fail mode, and various programs with memorization of values.

- **A additional external sensor**

With a single device, it is possible to control several torque scales (e.g. from 0 to 1 N.m and from 1 to 10 N.m) thanks to the external sensor option, unique on the torquemeter market.

Additional
external
sensor
possible

- **A great variety of clamps**

It can accommodate the very wide range of ACRN clamps.

- **ACRN quality**

- The components of our machines ensure a long lifespan and their independence allows a more efficient and less expensive after sales service.
- Permanent evolution thanks to the compositions of the machines.

A great
variety of
clamps

Advanced
features



KEY FEATURES

Measurement torque	Peak measurement torque, peak with trigger, Reset
Programs	8 Pass/Fail sound or bar/graph programs
Storage	Storage of 200 measurement values
Units	N.m / lbf.inch / N.cm / Kgf.cm
Sampling frequency	5000 Hz
Capacity sensor	Reinforced self-stabilizing capacity sensors (N.m) : 0.5/ 1/ 3/ 5/ 10/ 25
Statistics	Data export software
Connector	Connection of a second external sensor
Sensor information	Sensor offset indicator in case of hardware issue
Calibration date	Programmable calibration overrun reminder
Access limit	Administrator access by configurable password
Data transmission	Data export software in option / AutoOutput possible

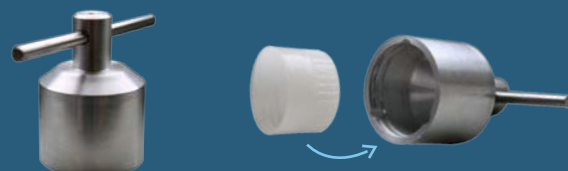




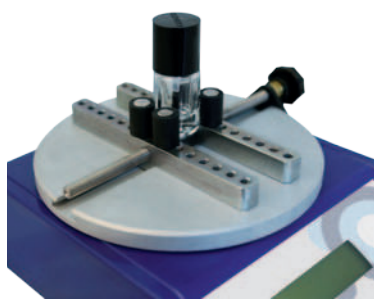
Calibration
certificate ISO6789
included



Repeatability solution
Operating tool for caps



CLAMPS EXAMPLES



with studs



with v-shaped jaws



Specific & on-demand

SPECIFICATIONS

Accuracy	0,1 % of full scale
Resolution	0,001 N.m until 10 N.m 0,01 N.m beyond
Power supply	220V 50-60 Hz
Weight	4,3 kg
Dimensions	L180 x D260 x H80 mm with studs clamp
External conditions	From 4°C to 37°C
Safe overload	150% f.s with audible alarm beyond 2% overshoot
Display	Backlight LCD Graphic display 80X21mm
Languages	English, French, Spanish
Warranty	2 years
Data Output	RS232 with serial communication protocol, optional Ethernet



*optional battery

OPTIONS

External sensor	Torque sensor of different capacity
Battery	Lithium Ion; 24h autonomy in operation
Protection	Reinforced IP Protection
Manutention	Transport Handle
Connectivity	Connection cable SerialToUSB Connection cable SerialToSerial
Repeatability	Operating tool for ribbed plug

OPTIONAL COMMUNICATION & PRINTING SOLUTIONS

Printers



External torque sensor



Data xport software



Simplified application for exporting measurements to PC

Ip xport software



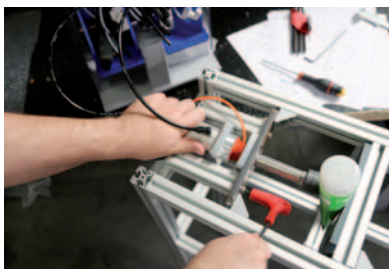
IP/Ethernet connection

INCLUDED :

- mains cable
- A calibration certificate according to ISO6789; COFRAC connection of standards
- A user manual
- A clamping system



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

L'ORÉAL
PARIS

