

## ELECTRONIC TORQUEMETER NCA



**ADVANCED FEATURES  
FOR YOUR QUALITY CONTROLS**

# ELECTRONIC TORQUEMETER NCA



## ADVANCED FEATURES FOR YOUR QUALITY CONTROLS

### 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.

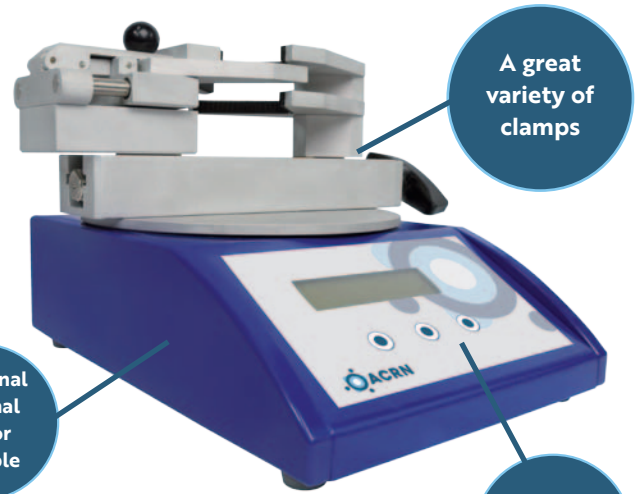
### NCA STRENGTHS:

#### ● 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

Advanced  
features

#### ● A great variety of clamps

It can accommodate the very wide range of ACRN clamps.

#### ● ACRN quality

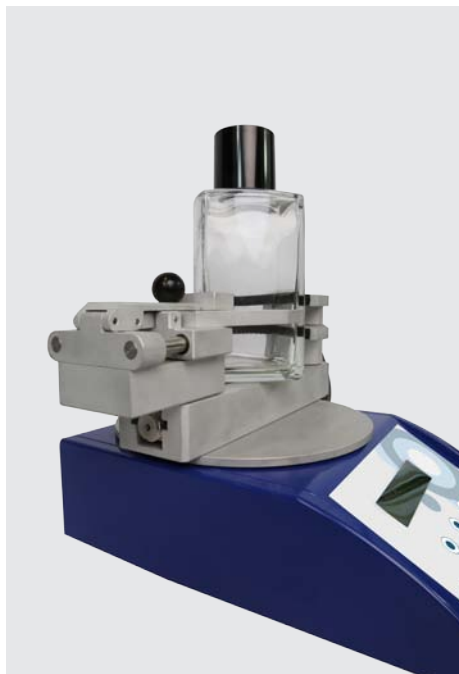
- The components of our machines ensure a long lifespan and their independence allows a more efficient and less expensive after sales service.

- Permanent evolution thanks to the compositions of the machines.

### KEY FEATURES

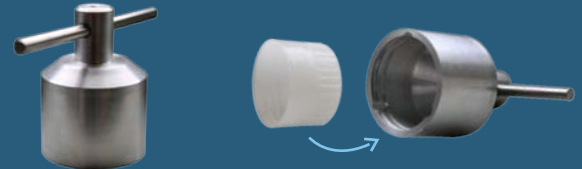
<b>Measurement torque</b>	Peak measurement torque, peak with trigger, Reset
<b>Programs</b>	8 Pass/Fail sound or bar/graph programs
<b>Storage</b>	Storage of 200 measurement values
<b>Units</b>	N.m / lbf.inch / N.cm / Kgf.cm
<b>Sampling frequency</b>	5000 Hz
<b>Capacity sensor</b>	Reinforced self-stabilizing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



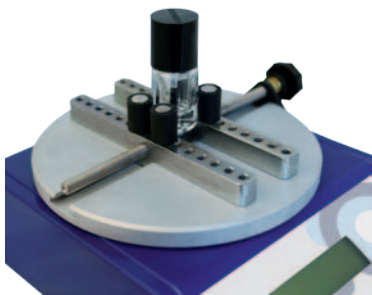


Calibration  
certificate ISO6789  
included

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



## 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 battery

## OPTIONAL COMMUNICATION & PRINTING SOLUTIONS

### Printers



### External torque sensor



### Data xport software



Simplified application for exporting measurements to PC

### Ip xport software



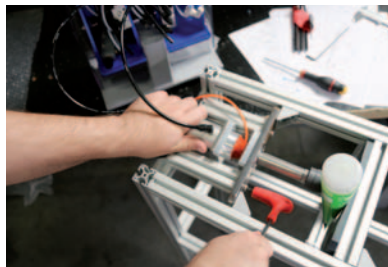
IP/Ethernet connection

### 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*

