

## ELECTRONIC TORQUEMETER NBA



**A ROBUST  
AND VERSATILE MODEL**

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## FUNCTION

Designed for production environments, the NBA electronic torquemeter is the choice of many packaging manufacturers.

## NBA STRENGTHS:

### • Many clamps availables

NBA can accommodate the very wide range of ACRN clamps, the fruit of 20 years of experience for perfect gripping of your samples.

### • 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.

Communicating device

### • A communicating device

With several communication and printing solutions, it will integrate perfectly into your production system.

## KEY FEATURES

<b>Measurement torque</b>	Peak measurement torque, peak with trigger, Reset
<b>Capacity sensor</b>	Reinforced self-stabilizing capacity sensors (N.m): 0.5/ 1/ 3/ 5/ 10/ 25
<b>Units</b>	N.m / lbf.inch / N.cm / Kgf/cm
<b>Sampling frequency</b>	5000 Hz
<b>Sensor informatio</b>	Sensor offset indicator in case of hardware issue
<b>Calibration date</b>	Programmable x-calibration overrun reminder
<b>Access limit</b>	Administrator access by configurable password
<b>Data transmission</b>	Wide range of clamps / AutoOutput possible



A great variety of clamps



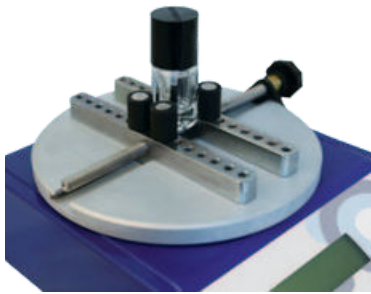


Calibration  
certificate ISO6789  
included

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 80 x 21 mm
Languages	English, French, Spanish
Warranty	2 years
Data Output	RS232 with serial communication protocol, optional Ethernet



## OPTIONS

Battery	Lithium Ion ; 24h autonomy in operation
Protection	IP reinforced protection
Connectivity	Connection cable Serial To USB Connection cable SerialToSerial
Repeatability	Operating tool for ribbed plug

\*optional battery

## OPTIONAL COMMUNICATION & PRINTING SOLUTIONS

Matrix Printer  
TSP700



Thermal printer  
TSP 743



Data Xport  
software



Simplified application for exporting measurements to PC

IP Xport  
software



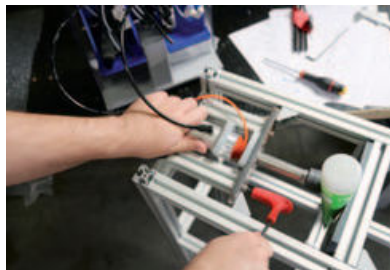
IP/Ethernet connection

### 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*

