CanNeed-TT-200 Digital Torque Tester

Applications: Food-industry / Cosmetic/ Pharmaceutical / Chemical / Metrology

The CanNeed-TT-200 Digital Torque Tester are specially designed for testing the cap closing and opening torque value of the bottled products. Its excellent performance makes it the industrial standard. The clients can also choose the measuring software by orders.
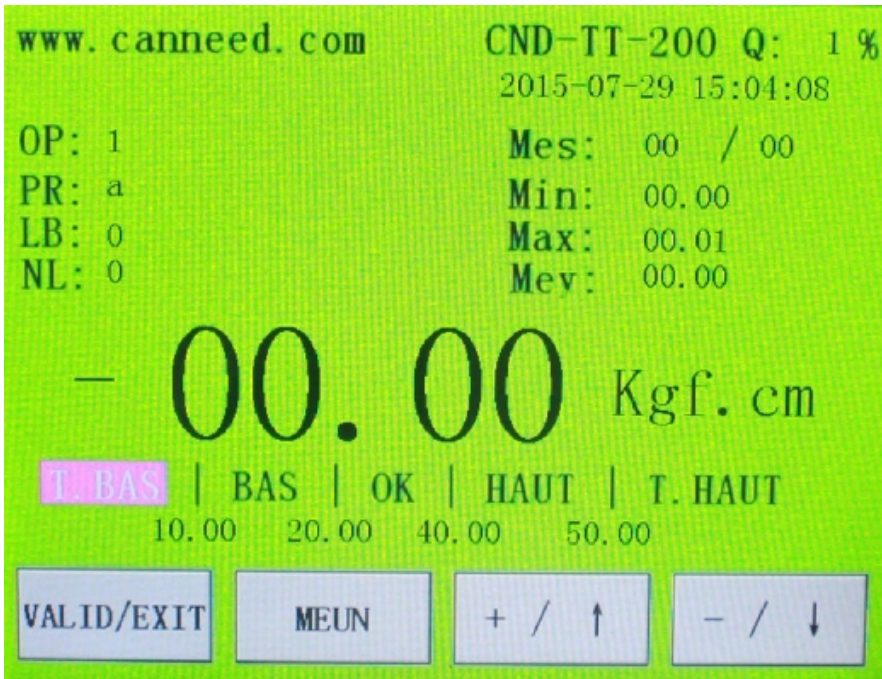
SPECIFICATIONS:

- Measuring range A : from 00.00 to 99.00 inch.Lbs

- In High-accuracy mode: from 0.000 to 4.500 inch.Lbs

- Accuracy:± 0.5 % of the full scale

- Units available : Kgf.cm / Inch.lbs / daN.cm / N.cm / N.m

- Memorization of 4 thresholds : very low; low; high; very high who permit to detect and display

- Message of quality in relation with the detected torque (visualization on bar-graph)

- Set the file with administrator password

- Measures in screwing and unscrewing.(opening and closing)

- Memorization of 1000 measuring results (able to be output)

- Over large touching screen to operate and display

- Batteries are chooseable

- Three (3) measuring modes (Common, Peak Value, Peak Value + Memo)

- Print the measuring results and statistics (hour + date)

- 2 RS outputs (computer – printer)

- 30 products can be memorized

- Analog output

- The clients can also choose the measuring software by orders.

- Display: the products, the operator, lot number, production line number

- The clients can also choose the mini printer by orders.

- Dynamic visualization: statistics, hour, date

- Stainless steel design / IP 64 Protection

- Other display statistics and defined display

- Choice of the languages: Chinese, English

- Measuring platform: food industry / Cosmetic industry

- Power: 220V, 50Hz

FEATURES

1. Powerful display interface

1.1 Highly accurate measurement: The accuracy of CanNeed-TT-200 is up to ± 0.5 % of the full scale,

while the accuracy of other common torque testers is ± 1%.

1.2 Able to display the measuring and calculating the average, mini. and max. values at the same time.

1.3 The users can shift various units : Kgf.cm / Inch.lbs / daN.cm / N.cm / N.m

1.4 Adopt rechargeable lithium battery and display the remaining power

1.5 Able to set any alarming values

1.6 Clearly record: the operator "OP", the product "PR", the line number "LB", the lot number "NL"

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1.7 Able to define the thresholds values: very low "T. BAS", low "BAS"; normal "OK", high "HAUT"; very high "T. HAUT"

2. Simple calibration device

Professional two-in-one calibration device CanNeed-TT-CAL is available, simple and easy to calibrate at any time in any places.

3. Powerful data output

CanNeed-TT-200 was equipped with 2 standard RS 232 ports. One is used for PC, while the other is used for mini printer.
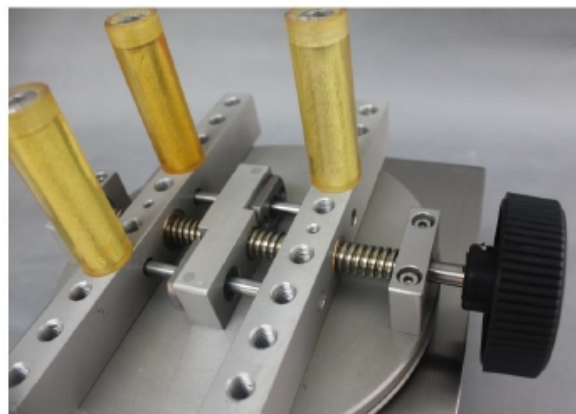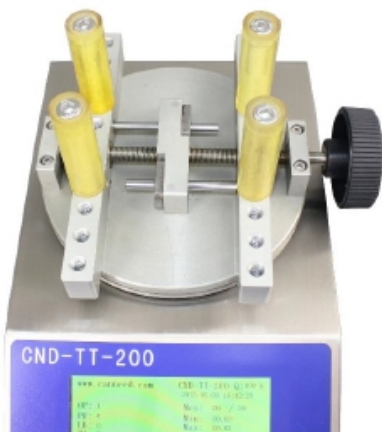

4. User-friendly fixture design

4.1 Adjustable cassette-type fixture, applicable for bottles with vavious dimensions and shapes.

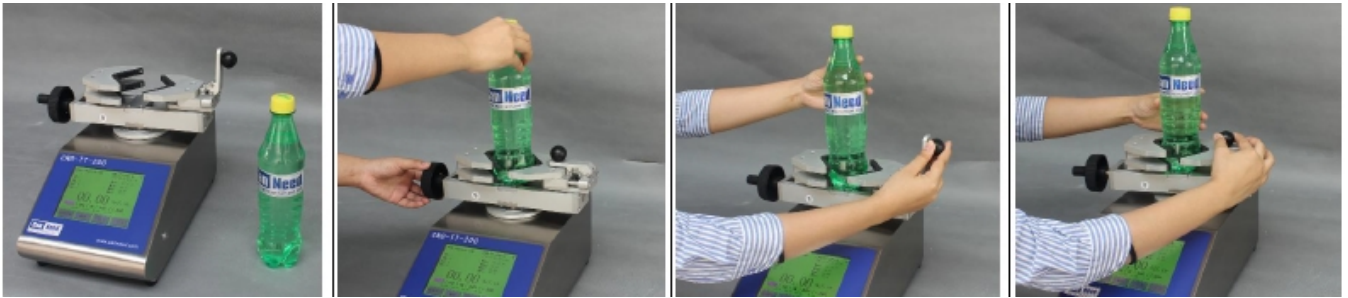4.2 Cassette-type fixture can be changed to be other special clamps to test special bottles.

4.3 With large screws to clamp the screw rods, it is quick and easy to install and clamp.

4.4 The two newly added guide poles can effectively balance the guide bar, making the measurement more accurate.

4.5 Quick clamp for cassette-type fixture, to accurately and quickly change the samples.

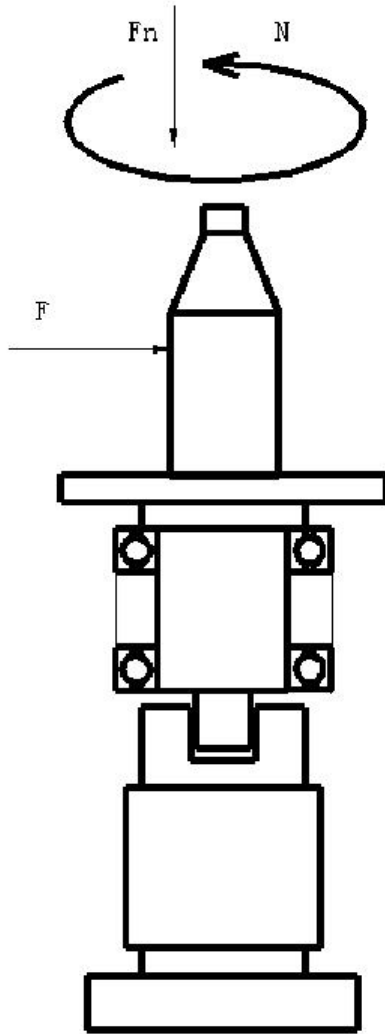| 1) Quickly install	2) Adjust the position	3) Quickly change	4) Quickly clamp
the clam	of the fixture	the samples	the samples

5. Water-proof design

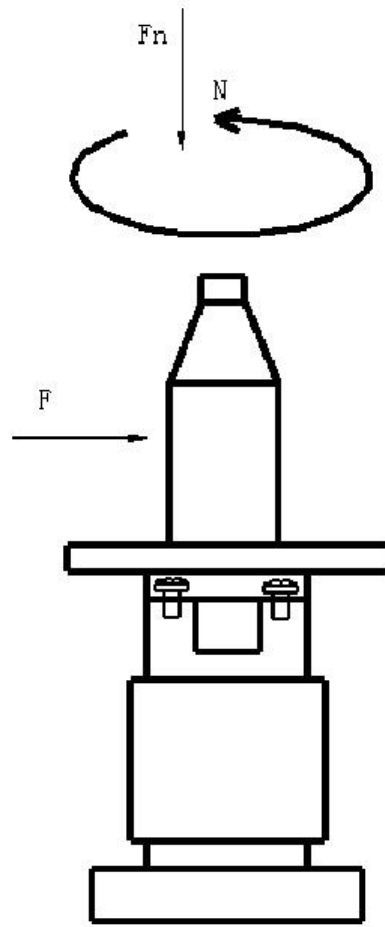Unique maze-type water-proof gap, effectively prevent the water.

6. Non-rigid connection rotation shaft design

Non-rigid connection rotation shaft, when it is born with forces from the side and the top, there is slight effect on the torque sensor. It can effectively avoid the effect of the forces from the side and the top on the measurement and reduce the human errors.

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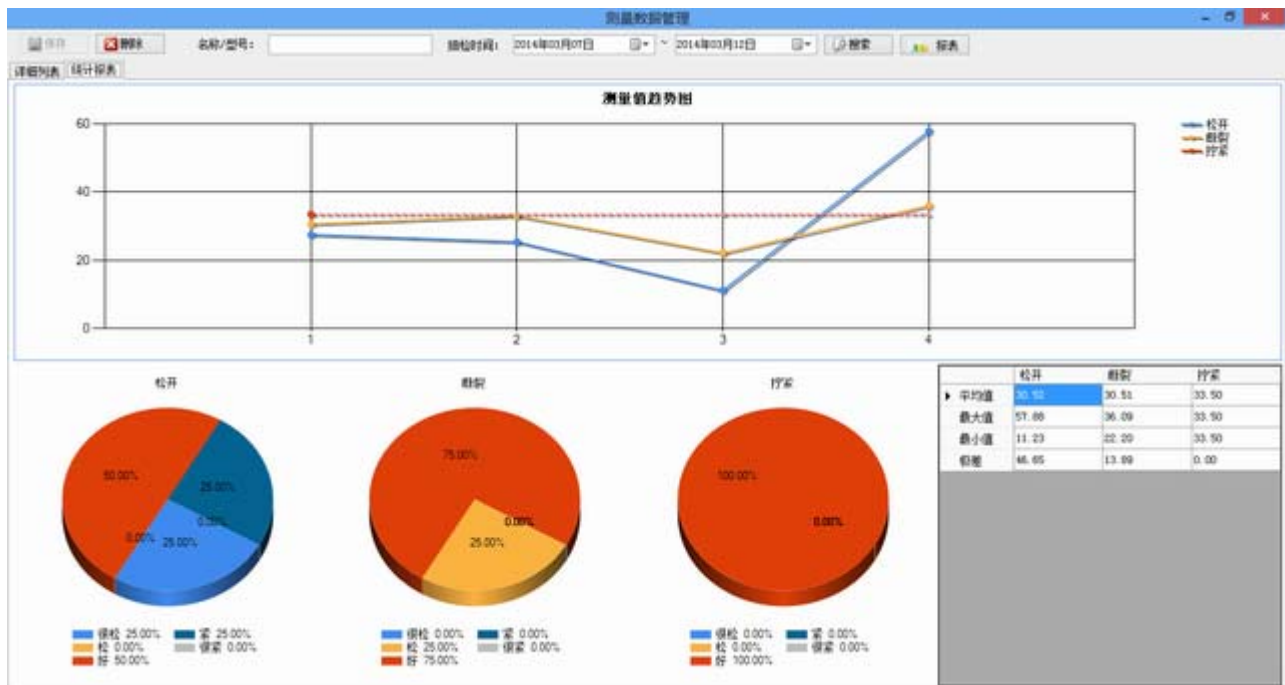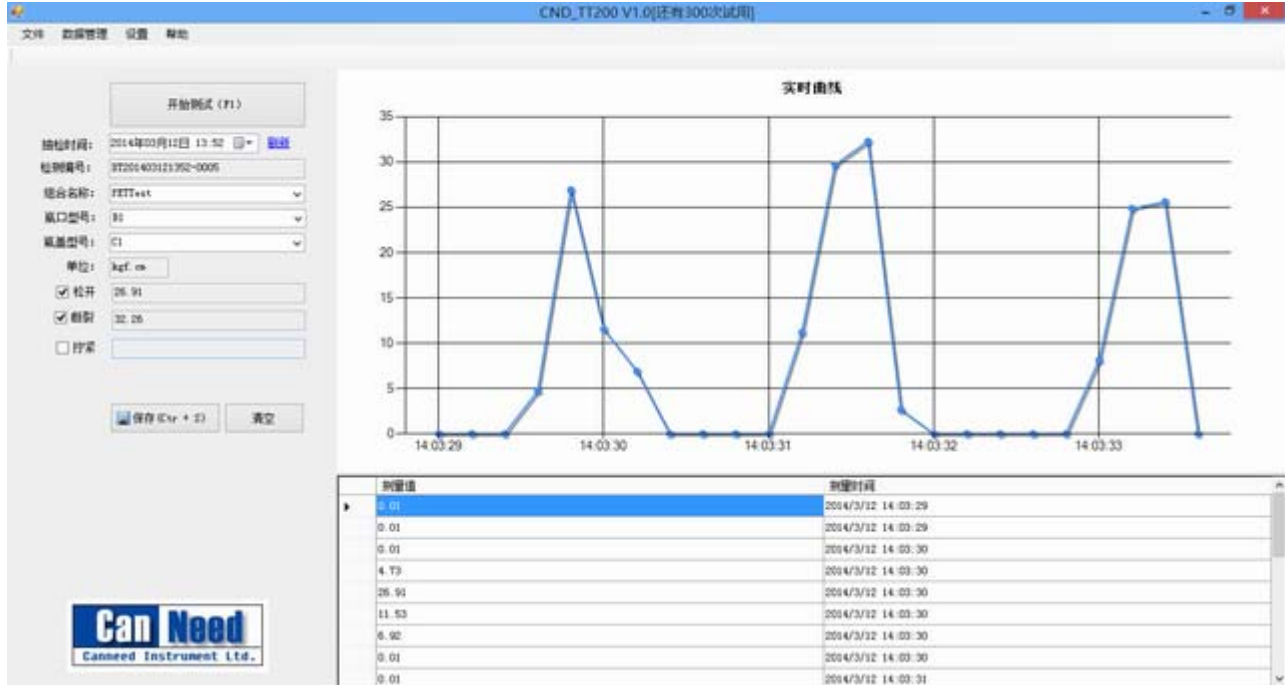Non-rigid connection rotation shaft   Rigid connection rotation shaft

7. CanNeed-TT-200 is provided together with a special suitcase, convenient and elegent.
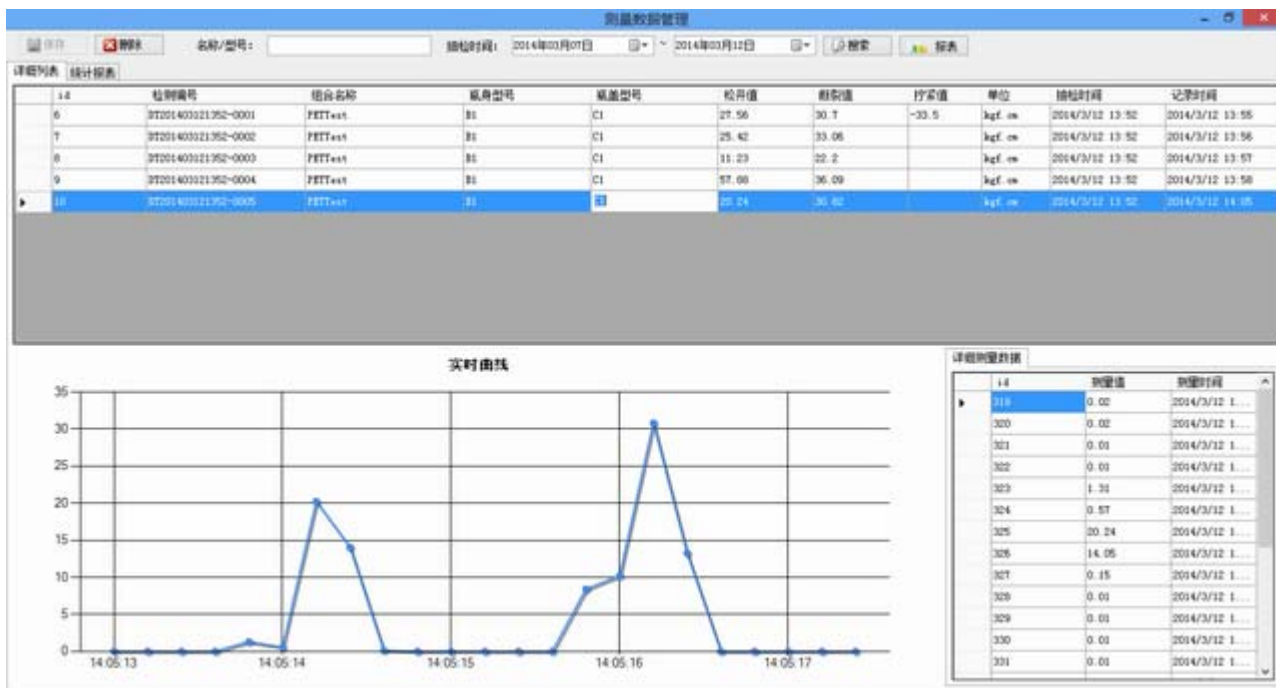
PROFESSIONAL SOFTWARE

The professional software of CanNeed-TT-200 is availbale. The clients can buy it by orders.

It can record and save the operators' name, the products' name and the corresponding measuring data

(the max. is 10 groups of data).

Analog Curve

A special software dedicated to reading up to 10000 points / measure with special analog card connected to the torquemeter.

We also realize special machines according to the customers specifications from our equipment.

Opening Tool for CanNeed-TT-200 (by order):

TT-TOA-34: for the cap diameter of 32mm

TT-TOA-40: for the cap diameter of 38mm

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