



# TorqTraQ® Closure Testing Device

We Package Solutions® ...

*with the science, knowledge and experience  
behind it!*



# Unique product features



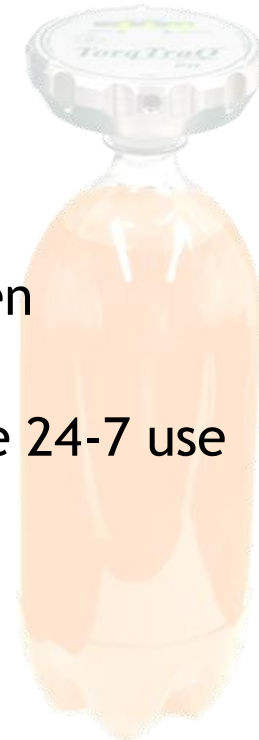
- Reliable application and removal torque test measurement.
- Ergonomic design is compact and lightweight.
- Device fits the hand ... not the hand adapting to the device.
  - A good tool must feel good in the user's hand.
  - User is comfortable, allowing for a consistent measurement.
- Works on many different closures throughout the packaging industry with the use of interchangeable chucks.
- Capable of being used for capper setup.



## Additional product features

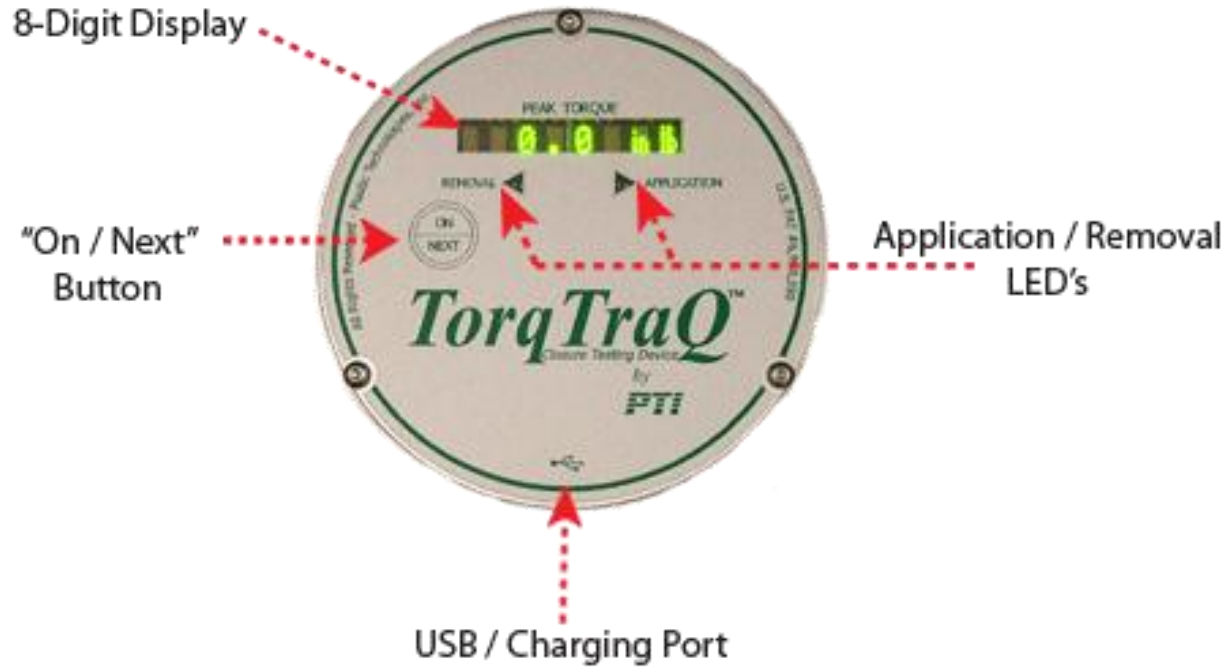


- Store 250 readings in memory.
- Export data to spreadsheet.
- Configure units of measure.
- Lithium-ion rechargeable battery.
- Calibration cycles monitored ...alerts given when recalibration is required.
- Water-resistant device is robust and can handle 24-7 use out on the production line



# TorqTraQ<sup>®</sup> Closure Testing Device

## Device overview



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## What the users say...

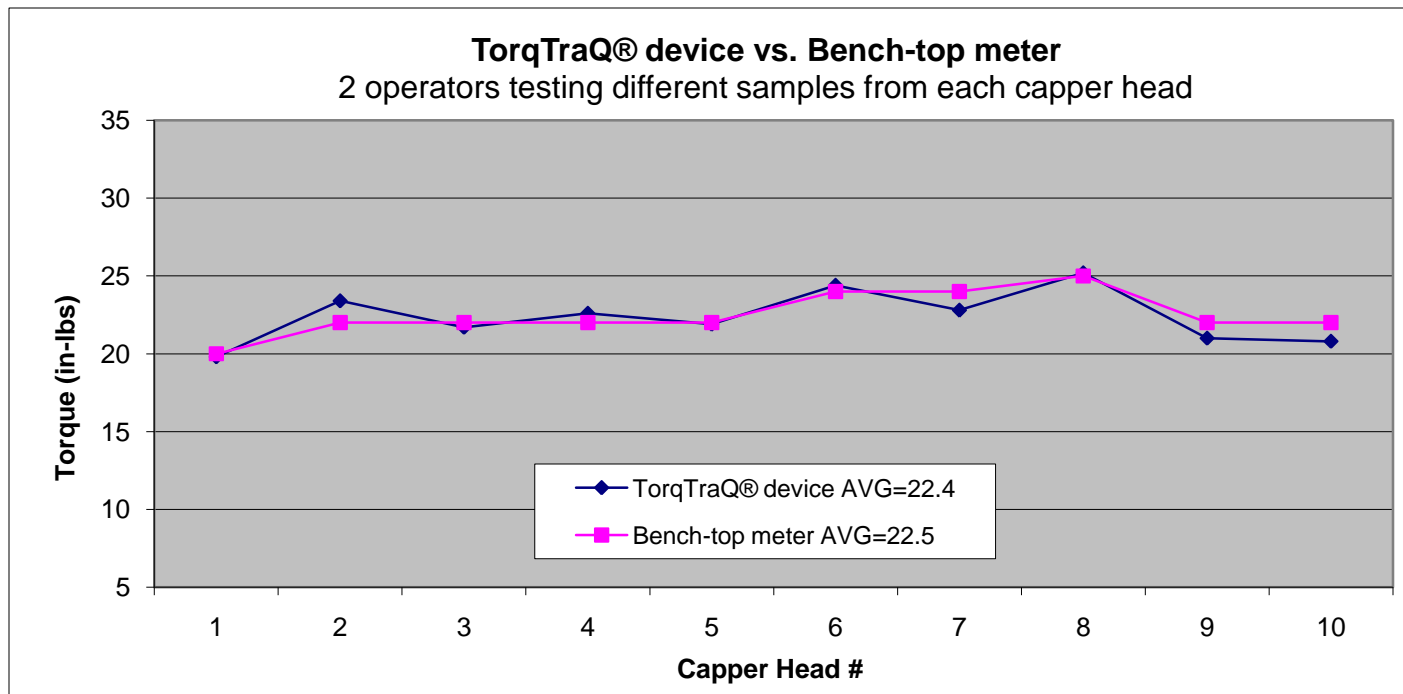


- ... allows us to execute an evaluation of all of the capper heads right at the machine, cutting the current setup time in more than half.
- .... A best practice tool; a great advantage for all of our plants using light-weight closures.
- ...our technical service guys love it. They no longer have to lug around the heavy tabletop meters.
- .... direct correlation study showed that the slab meters and TorqTraQ<sup>®</sup> device are very similar. The difference in means was only 0.34 in-lb's.
- ....The TorqTraQ<sup>®</sup> device gives us a “true” torque reading.
- “In the first two days, I've used the [TorqTraQ<sup>®</sup> device] to evaluate capping of no fewer than 1000 containers. It is awesome. Makes torque evaluation a breeze.”



# TorqTraQ<sup>®</sup> device compared to bench-top meter

- Results compare with current methods



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## Device specifications



	<b>TorqTraQ<sup>®</sup> Device</b>
Range (Application & Removal):	1.0 to 50.0 in-lb
Unit(s) of Measure:	in-lb, ft-lb, in-oz, N-m, kg-M User Selectable
Resolution:	0.1 in-lb
Accuracy / Linearity:	± 0.5% F.S. / ± 0.5% F.S.
Maximum Load:	100 in-lb
Internal Memory:	250 Samples
Alarm Thresholds:	Adjustable (1.0 to 50.0 in-lb)
Water-Resistance Rating:	IPX4
Automatic Shut-Off:	Adjustable (1-255 s)
Continuous Operation Time:	9.0 Hours
Power Supply (for charging):	5-10 VDC or USB port

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## Software is included



**TorqTraQ**  
DESKTOP SOFTWARE



TorqTraQ<sup>™</sup> Desktop Software

**Attached Devices**

Serial Number	Identifier	Stored Records	Configure	View Data
TTQ10462	TTQ10462	0		

**Archived Data**

Date & Time	Serial Number	Identifier	Records	Data	Delete
2007/04/24, 14:35:31	PTITTQ06	PTITTQ06	83	<a href="#">Report</a>	<a href="#">Delete</a>
2007/04/24, 14:56:11	PTITTQ06	PTITTQ06	2	<a href="#">Report</a>	<a href="#">Delete</a>

Exit

- View devices connected to USB port
- Download data from device
- Archive and organize data locally

Record	Date	Time	Torque (in•lbs)	Type
1	5/25/2007	2:27 PM	5.9	Removal
2	5/25/2007	2:27 PM	5.4	Removal

- Export data to spreadsheet
- Generate printable reports
- Configure device settings



Device Settings

Serial **TTQ10462**

Device Clock **5/25/2007 2:41 PM**

Last Calibration **1/1/0001 12:00 AM**

Firmware Version **0.045**

Model Number **300**

Identifier

Display Units

Alarm Threshold (Application)  in•lbs

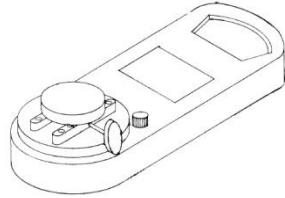
Alarm Threshold (Removal)  in•lbs



Alarm Type

Power Off Delay  seconds

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## Advantages



<b>Traditional torque tester:</b>	<b>TorqTraQ® device:</b>
<ul style="list-style-type: none"><li>• User: (1) places bottle on device</li><li>• (2) Adjusts pegs to grip the base</li><li>• (3) Tightens knob, distorting bottle</li><li>• (4) Zeroes the device</li><li>• (5) <u>Manually grips</u> and removes the closure</li></ul>	<ul style="list-style-type: none"><li>• User: (1) places device over closure</li><li>• (2) Presses On Button</li><li>• (3) Removes with closure with the device</li></ul>
<ul style="list-style-type: none"><li>-Bottle can rotate within pegs</li><li>-User squeezes the closure</li><li>-Take the bottle to the device</li></ul> 	<ul style="list-style-type: none"><li>-NO squeezing &amp; ovalizing the closure</li><li>-NO hand cramps</li><li>-Take the device to the bottle</li></ul> 

### Additional TorqTraQ® device features:

- Stores 250 readings – export results
- Adjustable alarms
- Lithium-ion rechargeable battery
- Configure units-of-measure
- Weighs just 0.75 lbs !

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“A solution....with the science, knowledge and experience behind it”



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For more information on the TorqTraQ® device, and to order online, please visit our website:

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