

# TMS5010 TORQUE MEASURING SYSTEM

Automatic closure torque measurement at the filling line



In the food & beverage industry, the opening torque of bottles and other containers with twist-off closures is an important quality parameter and vital for customer satisfaction. For many routine tests, where precise reproducibility, user independency and special test procedures are necessary, an automatic operated torque measuring device is an optimal solution.

## Operation

The bottle (container) is fitted to the clamp mechanism and automatically opened. Mean-while, the reactive torque is monitored and it's peak value and torque curve displayed and stored afterwards. Measuring the closing torque/angle is also possible.

## Benefits

- User-independent, precise torque and application angle measurement
- Suitable for lab and filling line
- Integrated standard beverage procedures
- Interactively programmable measuring sequences
- Easy procedure change via barcode scanner
- Easy handling
- Optional Application Angle Measurement
- Standardised variable Top Load
- Optional Pneumatic lifter/ chuck
- Complementary calibration device
- Customizable data interface
- Measuring data evaluation via standard PC software (MS EXCEL™)

## Technical Data:

- Torque range: 0 - 50 in-lbs, both directions
- Accuracy: 0.25% F.S.
- Resolution: 0.03 in-lbs (50 in-lbs version)
- Memory: According to configuration
- Interface: Ethernet (RS232 optional)
- Supply voltage: 240 V / 115V, 50 / 60 Hz
- Protection: IP 65
- Dimensions: 600x400x900mm (24x16x36")
- Weight: approx. 25 kg / 55 lbs