



# TMS 5010 Torque Measuring System

## Automatic closure torque measurement



In the food & beverage industry, the opening torque of bottles and other containers with twistoff 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.

### BENEFITS:

- User independent, precise torque measuring
- Suitable for lab and filling line
- Integrated standard beverage procedures
- Interaktivt programmable measuring sequences
- Easy handling
- Standardised variable Top Load
- Integrated calibration device
- Graphic display and torque curve
- Measuring data evaluation via standard PC software (MS EXCEL™)
- Automatic application angle measurement

### OPERATION:

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

### TECHNICAL DATA:

Torque range: 0 - 50 in-lbs, both directions  
 Accuracy:  $\pm 0,25$  % F.S.  
 Resolution: 0.03 in-lbs (50 in-lbs Version)  
 Memory: According to configuration  
 Interface: LAN/RS 232  
 Supply voltage: 240 V, 50 Hz (115V optional)  
 Protection: IP 65  
 Dimensions: ca. 600mm x 400mm x 900mm  
 Weight: ca. 25 kg

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