

TORQUE MEASURING SYSTEM



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 repetition, user independency and special test procedures are necessary, is an automatic operated torque measuring device an optimal solution.

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 of the closing torque is also possible.

Features

- User-independent, precise torque measuring
- Suitable for lab and filling line
- Integrated standard beverage procedures
- Interactively 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™)

Technical specifications

- 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: Ethernet (RS 485 optional)
- Supply voltage: 240 V, 50 Hz (115 V optional)
- Protection: IP65

Physical specifications

- Dimensions:
ca. 600 mm x 400 mm x 900 mm (L x B x H)
- Weight
Ca. 25 kg