

Torque Measuring System TMS 5000

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...for user-independent, precise torque measuring

TMS 5000

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. Meanwhile, the reactive torque is monitored and its peak value and torque curve displayed and stored afterwards. Measuring the closing torque is also possible. Details

Downloads: Torque Measuring System TMS 5000

Technical Information

- Measuring range 0 - 50 in-lbs, both directions (others on request)
 - Accuracy 0.25 % F.S.
 - Resolution 0.03 in-lbs (50 in-lbs version)
 - Memory According to configuration
 - Interface RS 232, RS 485 (optional)
 - Supply voltage 240 V AC, 50 Hz (115 V AC opt.)
 - Power consumption 60 VA
 - Protection class IP 65
 - Dimensions over all (L x W x H) 600 mm x 400 mm x 900 m
 - Mass ca. 25 kg
- Operating environment
- Operation humidity up to 90% (non-cond.)
 - Operation temperature 0..40 °C (32..104 °F)

Advantages

- User-independent, precise torque measuring
- Suitable for lab and filling line
- Integrated beverage industry standard procedures
- Interactively programmable measuring sequences
- Easy handling
- Variable top load
- Integrated calibration device
- Graphic display of torque curve
- Measuring data evaluation by standard PC software (MS-Excel™)