

TMS 4010 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.

BENEFITS:

- User-independent, precise torque measuring
- Suitable for lab and filling line
- Integrated standard beverage procedures
- Interactively programmable measuring sequences
- Easy procedure change via barcode scanner
- Easy handling
- Standardised variable Top Load
- Complementary calibration device
- Measuring data evaluation via standard PC software (MS EXCEL™)

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.

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: Ethernet (RS232 optional)
Supply voltage: 240 V / 115V, 50 / 60 Hz
Protection: IP 65
Dimensions: 600x400x900mm (24x16x36")
Weight: approx. 25 kg / 55 lbs

Архангельск (8182)63-90-72
Астана +7(7172)727-132
Белгород (4722)40-23-64
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Казань (843)206-01-48

Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Липецк (4742)52-20-81
Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41

Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Новосибирск (383)227-86-73
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78

Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Тверь (4822)63-31-35
Томск (3822)98-41-53
Тула (4872)74-02-29
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Ярославль (4852)69-52-93

Единый адрес для всех регионов: shf@nt-rt.ru || www.steinfurth.nt-rt.ru

TMS 4000 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.

BENEFITS:

- User-independent, precise torque measuring
- Suitable for lab and filling line
- Integrated standard beverage procedures
- Interaktively programmable measuring sequences
- Easy procedure change via barcode scanner
- Easy handling
- Standardised variable Top Load
- Complementary calibration device
- Measuring data evaluation via standard PC software (MS EXCEL™)

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: Ethernet (RS232 optional)
Supply voltage: 240 V / 115V, 50 / 60 Hz
Protection: IP 65
Dimensions: 600x400x900mm (24x16x36")
Weight: approx. 25 kg / 55 lbs

Архангельск (8182)63-90-72
Астана +7(7172)727-132
Белгород (4722)40-23-64
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Казань (843)206-01-48

Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Липецк (4742)52-20-81
Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41

Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Новосибирск (383)227-86-73
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78

Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Тверь (4822)63-31-35
Томск (3822)98-41-53
Тула (4872)74-02-29
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Ярославль (4852)69-52-93

Единый адрес для всех регионов: shf@nt-rt.ru || www.steinfurth.nt-rt.ru