Ультразвуковые расходомеры Teqwave T

Технические характеристики

По вопросам продаж и поддержки обращайтесь:

Алматы (7273)495-231
Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Благовещенск (4162)22-76-07
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Владикавказ (8672)28-90-48
Владимир (4922)49-43-18
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
Иркутск (395)279-98-46
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
Коломна (4966)23-41-49
Кострома (4942)77-07-48
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Курган (3522)50-90-47
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
Ноябрьск (3496)41-32-12
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Петрозаводск (8142)55-98-37
Псков (8112)59-10-37
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
Севастополь (8692)22-31-93
Саранск (8342)22-96-24
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Сыктывкар (8212)25-95-17
Тамбов (4752)50-40-97
Тверь (4822)63-31-35
Тольятти (8482)63-91-07
Томск (3822)98-41-53
Тула (4872)33-79-87
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Улан-Удэ (3012)59-97-51
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Чебоксары (8352)28-53-07
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Чита (3022)38-34-83
Якутск (4112)23-90-97
Ярославль (4852)69-52-93

Россия +7(495)268-04-70 Казахстан +7(7172)727-132 Киргизия +996(312)96-26-47

эл.почта: ehr@nt-rt.ru || сайт: https://endcounters.nt-rt.ru/

Teqwave T – Ultrasonic concentration meter

Smart, mobile measuring device – individually for your process

Benefits:

- Easy, fast and efficient – real-time in situ liquid analysis
- Versatile applications – one device for changing tasks
- Highest process safety – reliable metering due to robust, maintenance-free sensor
- Cost-saving – surveillance of product quality without sampling
- Customized usage – innovative application concept, expendable for changing measuring tasks
- Fast, straightforward operation without metrology knowledge – pre-configured measuring points
- Efficient plant monitoring – up to 8 hours of mobile operation without external power supply

Specs at a glance

- **Max. measurement error** Density: ±0.01g/cm³ Temperature: ±0.5K Sound velocity: 2m/s
- **Measurement range** Concentration According to concentration app data sheet, maximum 0 to 100 % Sound velocity 600 to 2000 m/s Temperature concentration app data sheet, maximum 0 to +100 °C (32 to +212 °F) Density 0.7 to 1.5 g/cm³
- **Measuring range** Concentration According to concentration app data sheet, maximum 0 to 100 % Sound velocity 600 to 2000 m/s Temperature concentration app data sheet, maximum 0 to +100 °C (32 to +212 °F) Density 0.7 to 1.5 g/cm³
- **Medium temperature range** 0 to 100 °C (32 to 212 °F)
- **Process temperature** 0 to 100 °C (32 to 212 °F)

Field of application: The portable Teqwave T offers the most flexible application possibilities for temporary in situ liquid analysis in your plant

or laboratory. With just one device, you can monitor concentration values at various measuring points and thus maximize your product quality at minimum operational expenditure. The mobile transmitter with its pre-configured measuring points allows you to use Teqwave T perfectly matched to your production needs.

Features and specifications

Concentration

Measuring principle

Ultrasonic concentration

Product headline

Smart, mobile measuring device – individually for your process.
Easy, fast and efficient – real-time in situ liquid analysis.
Temporary concentration measurement of liquids at various measuring points in plant and laboratory.

Sensor features

Versatile applications – one device for changing tasks. Highest process safety – reliable metering due to robust, maintenance-free sensor. Cost-saving – surveillance of product quality without sampling.
Insertion length: 180 mm (7 in). Accurate and independent of flow profile.

Transmitter features

Customized usage – innovative application concept, expendable for changing measuring tasks. Fast, straightforward operation without metrology knowledge – pre-configured measuring points. Efficient plant monitoring – up to 8 hours of mobile operation without external power supply.
Robust, portable transmitter with Li-ion battery 2300 mAh. Large color display with 4 operating keys. Integrated data storage for max. 3000 measured values.

Nominal diameter range

Insertion length: 180 mm (7")

Concentration

Measured variables

Concentration
Temperature
Sound velocity

Max. measurement error

Density: ±0.01g/cm³
Temperature: ±0.5K
Sound velocity: 2m/s

Measurement range

Concentration According to concentration app data sheet, maximum 0 to 100 %
Sound velocity 600 to 2000 m/s
Temperature concentration app data sheet, maximum 0 to +100 °C (32 to +212 °F)
Density 0.7 to 1.5 g/cm³

Design

Portable

Material

Sensor housing material: Stainless steel V4A 1.4571

Process temperature

0 to 100 °C (32 to 212 °F)

Ex certification

Non-hazardous area
UK; Non-hazardous area

Ingress protection

Sensor: IP68 (with cable plugged in), IP66 (without cable connector)
Transmitter: IP65

Display/Operation

3.5" TFT display with 4 operating keys

Concentration

Power supply
Lithium-ion battery (2300 mAh capacity)

Product safety
CE, C-Tick

Density/Concentration

Measuring principle
Ultrasonic concentration

Product headline
Smart, mobile measuring device – individually for your process.
Easy, fast and efficient – real-time in situ liquid analysis.
Temporary concentration measurement of liquids at various measuring points in plant and laboratory.

Sensor features
Versatile applications – one device for changing tasks. Highest process safety – reliable metering due to robust, maintenance-free sensor. Cost-saving – surveillance of product quality without sampling.
Insertion length: 180 mm (7 in). Accurate and independent of flow profile.

Transmitter features
Customized usage – innovative application concept, expendable for changing measuring tasks. Fast, straightforward operation without metrology knowledge – pre-configured measuring points. Efficient plant monitoring – up to 8 hours of mobile operation without external power supply.
Robust, portable transmitter with Li-ion battery 2300 mAh. Large color display with 4 operating keys. Integrated data storage for max. 3000 measured values.

Nominal diameter range
Insertion length: 180 mm (7")

Density/Concentration

Measured variables

Concentration
Temperature
Sound velocity

Max. measurement error

Density: ±0.01g/cm³
Temperature: ±0.5K
Sound velocity: 2m/s

Measuring range

Concentration According to concentration app data sheet, maximum 0 to 100 %
Sound velocity 600 to 2000 m/s
Temperature concentration app data sheet, maximum 0 to +100 °C (32 to +212 °F)
Density 0.7 to 1.5 g/cm³

Medium temperature range

0 to 100 °C (32 to 212 °F)

Ambient temperature range

Sensor: 0 to 50 °C (32 to 122 °F)
Transmitter: 0 to 40 °C (32 to 104 °F)

Sensor housing material

Stainless steel V4A 1.4571

Degree of protection

Sensor: IP68 (with cable plugged in), IP66 (without cable connector)
Transmitter: IP65

Display/Operation

3.5" TFT display with 4 operating keys

Power supply

Lithium-ion battery (2300 mAh capacity)

Density/Concentration

Hazardous area approvals

Non-hazardous area

UK; Non-hazardous area

Product safety

CE, C-Tick

По вопросам продаж и поддержки обращайтесь:

Алматы (7273)495-231
Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Благовещенск (4162)22-76-07
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Владикавказ (8672)28-90-48
Владимир (4922)49-43-18
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
Иркутск (395)279-98-46
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
Коломна (4966)23-41-49
Кострома (4942)77-07-48
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Курган (3522)50-90-47
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
Ноябрьск (3496)41-32-12
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Петрозаводск (8142)55-98-37
Псков (8112)59-10-37
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
Севастополь (8692)22-31-93
Саранск (8342)22-96-24
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Сыктывкар (8212)25-95-17
Тамбов (4752)50-40-97
Тверь (4822)63-31-35
Тольятти (8482)63-91-07
Томск (3822)98-41-53
Тула (4872)33-79-87
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Улан-Удэ (3012)59-97-51
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Чебоксары (8352)28-53-07
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Чита (3022)38-34-83
Якутск (4112)23-90-97
Ярославль (4852)69-52-93

Россия +7(495)268-04-70 Казахстан +7(7172)727-132 Киргизия +996(312)96-26-47

эл.почта: ehr@nt-rt.ru || сайт: https://endcounters.nt-rt.ru/