



TU5400 sc Ultra-High Precision Low Range Laser Turbidimeter with System Check and RFID, ISO Version

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KRW 가격: Hach에 문의

The next standard in the evolution of turbidity

The ISO compliant TU5 Series platform employs a unique optical design that sees more of your sample than any other turbidimeter, delivering the best low level precision and sensitivity while minimising variability between measurements. For the first time you will be able to remove uncertainty of which measurement to trust between your lab and process instruments, thanks to identical 360° x 90° Detection Technology in any TU5 Series turbidimeter.

The TU5400 sc Ultra-High Precision Low Range Laser Turbidimeter dramatically reduces the time needed to get a turbidity measurement you can rely on. A stable laser light source eliminates the need for annual lamp replacements. The turbidimeter's measurement surface area has been reduced by 98%, allowing you to save time cleaning. An automatic cleaning module is available that keeps your instrument clean, reducing the amount of time spent cleaning the instrument ever further. All of this, along with the ability to measure to 0.2 mNTU, gives you the next standard in the evolution of turbidity.

Only the new TU5 Series Lab & Process Turbidimeters with 360° x 90° Detection deliver unprecedented confidence that a change in your reading is a change in your water.

Groundbreaking 360° x 90° Detection Technology

The TU5 Series employs a unique optical design that sees more of your sample than any other turbidimeter, delivering the best low level precision and sensitivity while minimizing variability from test to test.

Matching lab and online results

For the first time you will be able to remove the uncertainty of which measurement to trust, thanks to identical 360° x 90° Detection Technology in both instruments.

Everything about turbidity – faster

The TU5 Series dramatically reduces the time needed to get a turbidity measurement you can rely on, with 98% less online sample surface area to clean, sealed vials for calibration, and the elimination of the need for indexing and silicone oil in the lab. Not to mention, a smaller online sample volume means you will detect events almost immediately.

No surprises

Prognosys monitors your TU5 Series online instrument, proactively alerting you to maintenance needs before your measurement becomes questionable. And a Hach Service Agreement protects your investment and helps ensure that you stay in compliance and on budget.

사양

검출 하한(LOD):	0.0001 FNU
광원:	Class 2 laser product, with embedded 650 nm (EPA 0.43 mW) or Class 1 laser product, with embedded 850 nm (ISO), max. 0.55 mW (complies with IEC/EN 60825-1 and to 21 CFR 1040.10 in accordance with Laser Notice No. 50)
교정 방법:	For Formazin and Stablcal:

20 NTU from 0 to 40 NTU; at 20 FNU and 600 NTU for full range

Custom calibration for up to 6-point calibrations

규제:	ISO
기구 유형:	Sample quick connector: ¼-in. for ¼-in. tubing
단위:	NTU, FNU, TE/F, FTU, EBC
모델:	TU5400 sc
무게:	2.7 kg (5.0 kg with all accessories)
미광:	<10 mNTU
반복성:	Better than 1% of reading or ±0.0006 NTU on Formazin at 25 °C (77 °F), whichever is greater
반응 시간:	T90 <30 seconds at 100 mL/min
범위:	ISO: 0 - 1000 NTU / FNU / TE/F / FTU 0 - 250 EBC
보증:	1 year
분해:	0.0001 NTU / FNU / TE/F / FTU / EBC
시료 압력:	6 bar (87 psi) maximum, compared to air at sample temperature range from 2 - 40 °C (35.6 - 104 °F)
시료 온도:	2 - 60°C (35 - 140°F)
시료 유속:	100 to 1000 mL/min; optimal flow rate: 200 to 500 mL/min
신호 평균 시간:	5 to 90 seconds (default: 30 seconds)
옵션:	Process Head Only
인증:	CE compliant US FDA accession number: 1420493-000 EPA version, 1420492-000 ISO version Complies with IEC/EN 60825-1 and to 21 CFR 1040.10 in accordance with Laser Notice No. 50 Australian ACMA Marking
작동 습도:	Relative humidity: 5 - 95% at different temperatures, non-condensing
작동 온도 범위:	0 - 50 °C
장착 구성:	Wall Mount
재료:	ASA Luran S 777K / RAL7000, TPE RESIN Elastocon STK40, Thermoplastic Elastomer TPS-SEBS
저장 조건:	-40 to 60 °C (-40 to 140 °F)
정확도:	±2% of reading plus 0.01 NTU from 0 - 40 NTU
치수(H x W x D):	249 mm x 268 mm x 190 mm
컨트롤러:	Sensor Only
케이블 길이:	1.6 m (5.25 ft), extendable up to 50 m (164 ft) for instrument without accessories
통신:	System Check and RFID
확인:	Liquid: Stablcal, Formazin (0.1 - 40 NTU) Dry: Glass Rod at <0.1 NTU

상자에 무엇이 있습니까?

TU5400 sc Turbidimeter, User Manual, Wall Mount, Vial Replacement Tool, Screw Set, Drying Cartridge, Flow Regulator, Service Bracket