

Digital Fiberoptic Refractometer



Reads Propylene Glycol & Glycerine

The Digital Fiberoptic Refractometer is programmed with 4 different scales. They are Propylene Glycol %, Propylene Glycol freeze, Glycerine % and Glycerine freeze.

Just Dip & Read

Our Digital Fiberoptic Refractometer is the first digital probe-type refractometer. Just dip it in the fluid, press a button, and get an instant digital readout. Nonlinear temperature compensation is automatic and insures that fluids read between 32 and 1220 F are measured accurately.

Fiberoptic Sensor

The Digital Fiberoptic Refractometer uses the latest cuttingedge sensor technology to measure the refractive index of the fluid. The sensor is protected by a sapphire window (hardest material next to diamond) and should last indefinitely.

Auto Calibration

Calibration is automatic and does not require the use of special calibration solutions or tools. The instrument automatically calibrates itself to water and is ready to use in seconds. No more screws to turn

and noting to adjust.

NIST Certified Calibration & Traceability

The Digital Refractometer is the **only** refractometer that comes with the serial laser etched into the body to provide instrument traceability. Multipoint calibration traceable to NIST is available on request for all Digital Fiberoptic Refractometers. The calibration program provides full compliance with international standard ISO 10012-1:1992(E) and ANSI.NCSL Z540-1-1994. No other refractometer is put through such rigorous calibration and testing programs.

Built Tough

The Digital Fiberoptic Refractometer is built from high-impact, chemically resistant Valox plastic. It is water resistant and designed to operate in demanding to industrial environments.

Standard Specifications Refractive Index

Range: 1.3280 to 1.4330

Resolution: 0.0005

Precision: ± 0.0005

Weight: 5.3 oz. with battery

Dimension: 8.5" x 1.5" x 1"

Battery: 9 volt/60 hours

Oper. Range: +32°F to +122°F

ATC Range: +32°F to +122°F

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