



Medical Probes



400 and 700 Series Medical Probes

Cost-effective MEAS probes measure temperature with MEAS interchangeable thermistors, a highly accurate temperature technology that MEAS perfected over the decades. This thermal expertise, in combination with regulatory experience, manufacturing automation, and custom capability, positions MEAS as a leader in temperature measurement for healthcare facilities.

MEAS 400 Series Reusable Temperature Probes

As demands on healthcare providers increase, healthcare professionals are taking the lead in finding answers to cost versus quality issues. MEAS 400 Series reusable probes are a sensible solution, offering substantial reductions in cost with no trade-off in quality.



MEAS 400AC Series Medical Autoclavable Probes

MEAS 400AC Series Reusable Temperature Probes have the ability to withstand autoclave sterilization, generating less waste. Featuring gold-plated plugs and sealed thermistors, MEAS 400 AC series are resistant to standard chemicals and disinfectants. Guaranteed for 100 autoclave cycles or six months.



MEAS 700 Series Reusable Probes

MEAS makes a complete line of reusable probes for 700 Series inputs providing linear response. Most MEAS 400 Series probes have a corresponding 700 Series probe. These are easily distinguished from the 400 Series probes at the connector end.



MEAS 400 and 700 Series Probes Characteristics

Range of Operation 0° to 60°C

Accuracy 400 Series: $\pm 0.2^{\circ}\text{C}$ from -1° to 60°C , $\pm 0.1^{\circ}\text{C}$ from 25° to 45°C

700 Series: $\pm 0.2^{\circ}\text{C}$ from -1° to 60°C , $\pm 0.15^{\circ}\text{C}$ from 25° to 45°C

Cleaning Probes should be cleaned with a mild detergent and water to remove excess bioburden and improve effectiveness of disinfection and sterilization.

Disinfection Low level: cidex/glutaraldehyde

High level: cidex/glutaraldehyde, dilute bleach, 70% isopropyl alcohol

Sterilization Ethylene oxide gas, STERIS® System 1

MEAS 400AC only: steam autoclave (20 min. at $121\text{-}134^{\circ}\text{C}$),
recommended ANSI/AAMI ST35

Termination Standard .25" phone plug, compatible with most patient monitors

Regulatory Compliant with FDA regulations, 93/42/EEC CE-Medical Device Directives, and EN12470

MEAS 400 and 700 Series Probes Specifications

401 Esophageal or Rectal (adult) 12 Fr.*, 4.0 mm tip diameter

402 Esophageal or Rectal (pediatric) 10 Fr., 3.3 mm tip diameter

Heat reflecting adhesive pads hold probes securely to skin for accurate temperature readings for Philips

Monitors

- With no need for adapter boxes and electrical isolation of conductors, non-latex MEAS reusable probes virtually eliminate concerns about safety

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MEAS 400 Series Medical Probes

- MEAS reusable probes have a cost-per-use far below that of any competitive product or technology