

# Esophageal temperature monitoring

## CIRCA temperature monitor and temperature probe hot/cold

The CIRCA Temperature Monitoring System™ and the CIRCA S-CATH™ Esophageal Temperature Probe provide the optimal solution for an easy and safe esophageal temperature monitoring covering the complete relevant length of the esophagus. The probe and its 12 temperature sensors are being perfectly fixed in position within the esophagus due to its special S-curve. Additionally the fluoroscopic image of the probe marks the exact position and dimensions of the esophagus. Due to its fast and precise measurement of hot and cold temperatures CIRCA is the perfect temperature monitoring system for all RF- and laser-

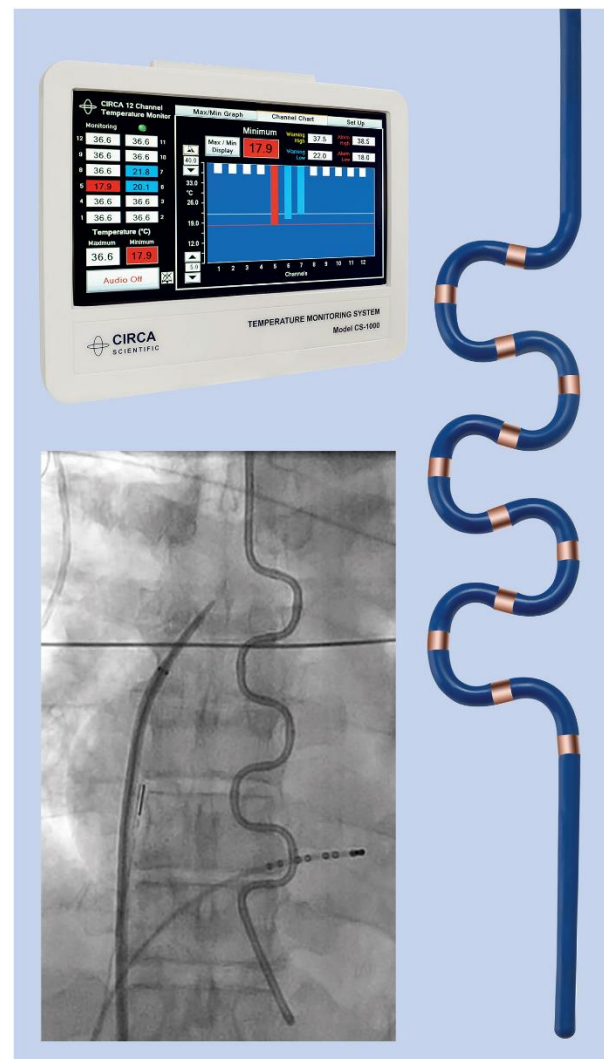
ablations as well as for cryo-ablations. For your and your patients safety there are visual and acoustic warning and alarm signals when reaching temperatures higher or lower than your settings. You permanently see the actual temperature, the maximum and minimum temperatures you reached so far and a temperature graph of the complete procedure. There is an option for remote monitoring and control (e.g. from the control room) and to record and export all temperature data into Excel for storage and/or further analysis.

### Esophageal Temperature Monitor

- Temperature monitoring from -20°C to +65 °C
- Warning and alarm signals for temperature being too high or too low (hot/cold)
- Continuous temperature monitoring
- Temperature graph, actual temperature of all sensors, minimum and maximum temperatures
- Simple user interface (touch-screen), simple setup
- Optional remote monitoring and control, data recording and export (Excel)

### Esophageal Temperature Probe

- Complete coverage of the left atrium at once by 12 temperature sensors
- Stationary placement, no need to move the probe during procedures due to S-curve
- Fluoroscopic landmark of the complete esophagus
- Simple nasal or oral placement with stylet



# Ordering information

## CIRCA Esophageal Temperature Monitor hot/cold

Article		Length	Order no.
CS-1000	CIRCA Esophageal Temperature Monitor (incl. fixation)	-	40 1010 00
CS-101	CIRCA S-CATH Interconnect Cable	4,6 m	40 1020 05

## CIRCA Esophageal Temperature Probe hot/cold

Article		Length	O.D.	Order no.
CS-2006	CIRCA S-CATH Esophageal Temperature Probe (single-use)	75 cm	10 F	40 1110 05

## Accessories/Extensions (optional)

Article		Order no.
CS-2035	CIRCA Data Transfer Drive (USB)	40 1024 00
CS-1VGA	CIRCA Remote Monitoring and Control VGA	40 1010 20
CS-1DVI	CIRCA Remote Monitoring and Control DVI	40 1010 30
CS-1029	CIRCA Temperature Standard (Calibration)	40 1030 05

# We look forward to your inquiry

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#### Additional technical details:

CIRCA Esophageal Temperature Monitor

Measurement range -20 °C bis +65 °C | Measurement precision  $\pm 0,3^{\circ}\text{C}$  within core range of 25°C to 45°C and  $\pm 0,4^{\circ}\text{C}$  within extended range of 0°C to 24,9°C | Delivery incl. fixation

CIRCA S-CATH Esophageal Temperature Probe

Incl. straightening stylet | Outer diameter 10 F | Length (when straightened) 58 cm | Length (S-curve) 53 cm

Manufacturer: Circa Scientific Inc., USA