

Providing Comfort & Precision for Patient Stability



Temperature Monitoring

 DeRoyal®

Temperature Monitoring

DEROYAL TEMPERATURE MONITORING

The pause of a heartbeat. The body's warmth beneath drapes. The life-giving force of rhythmic breathing. These vital signs are yours to guard, measure, stabilize, and cross check. DeRoyal's line of Temperature Monitoring products helps you do your job, giving you the information needed to provide the most comfortable and precise management of your patients' stability during surgical procedures. These products are designed to be as vigilant as you are, so you can confidently regulate healing.

CONTENT

Interface Cables	2
Esophageal Stethoscope	3
General-Purpose Temperature Probe	4
Nasopharyngeal Probe	4
Nasal Probe	5
Foley Catheter with Temperature Sensors	5
Foley Catheter Kits	6
Multi-Purpose Tube Holder	6
Myocardial Temperature Probe	7
Adult Skin Temperature Probe	7
LCD Sens ^o strip™ Temperature Trend Indicator	8
Tympanic Temperature Probe	8
Neonatal Sensor Probe Replacement Cover System	9
Neonatal Skin Temperature Sensor Probes	10



Interface Cables

- Cables designed to be compatible with most multifunctional physiological monitors and anesthesia machines
- All cables 12 feet/3.6 meters long
- Latex free



81-101400	Interface Cable	Monitors (except Hewlett Packard) requiring YSI 400 Series type thermistor sensor using female pins
81-101700	Probe Interface Cable	Monitors requiring YSI 700 Series type thermistor sensor
81-1010HP	Probe Interface Cable	All Hewlett Packard monitors YSI 400 Series
81-0105M	Interface Cable	Siemens Monitors YSI 400 Series

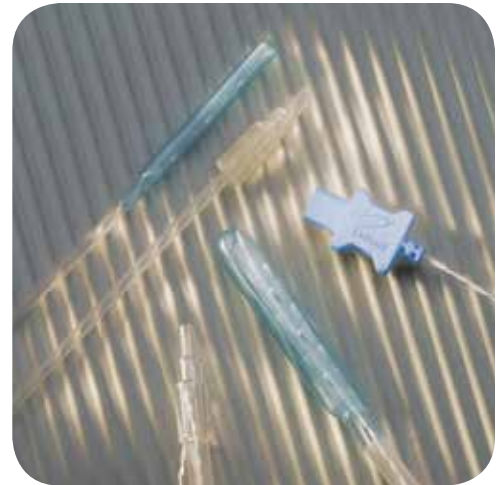
All packaged non-sterile 1/Bx.

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DEROYAL TEMPERATURE MONITORING

Esophageal Stethoscopes

- Designed for use in surgical setting to monitor heart and respiratory sounds and to measure core body temperature in anesthetized patients
- Provides superior heart and respiratory sound transmission
- Available with or without temperature monitoring capability
- Complete line includes all popular French sizes
- Fully compatible with most monitors
- Available in extra-long lengths
- Available in both regular and soft flexibility for enhanced patient comfort
- Atraumatic, low-friction surface for ease of insertion
- Thin distal cuff allows optimal sound transmission and fidelity
- Positive locking connector for secure cable connection
- Latex free



With Temperature Sensor

400 Series/Regular Tube

81-040409	9FR
81-040412	12FR
81-040418	18FR
81-040424	24FR

700 Series/Regular Tube

81-040709	9FR
81-040712	12FR
81-040718	18FR
81-040724	24FR

400 Series/Soft Tube

81-050409	9FR
81-050412	12FR
81-050418	18FR
81-050424	24FR

700 Series/Soft Tube

81-050709	9FR
81-050712	12FR
81-050718	18FR
81-050724	24FR

400 Series/Extra-Long Length

81-044418	18FR
81-044424	24FR

700 Series/Extra-Long Length

81-044718	18FR
81-044724	24FR

Without Temperature Sensor

Regular Tube

81-060009	9FR
81-060012	12FR
81-060018	18FR
81-060024	24FR

Soft Tube

81-070009	9FR
81-070012	12FR
81-070018	18FR
81-070024	24FR

All packaged sterile 50/Cs.

Temperature Monitoring

DEROYAL TEMPERATURE MONITORING

General-Purpose Temperature Probes

- For routine monitoring of patient's core body temperature
- Versatile design allows for oral, nasal, or rectal introduction
- Low-friction surface for ease of insertion
- Positive-locking connector for secure cable connection
- Completely enclosed sensor wires for improved stability and hygiene
- Thin, flexible design ensures optimal patient safety
- Non-toxic, non-porous material for patient safety
- Fully compatible with most monitors
- Available in both regular and soft flexibility for enhanced patient comfort
- Latex free

Full Length Sheath

400 Series Regular

81-020409	General-Purpose Temperature Probe	9FR
81-020412	General-Purpose Temperature Probe	12FR

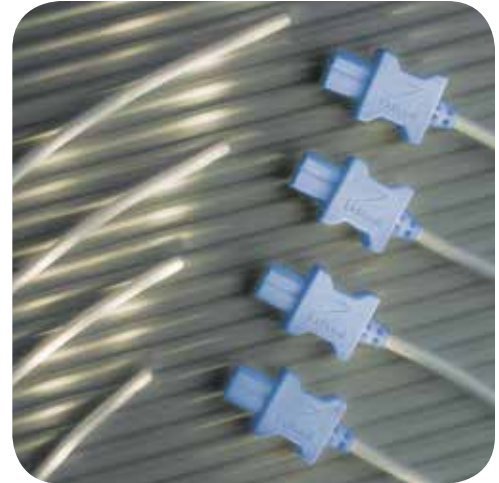
400 Series Soft w/Depth Markings

81-02S409	General-Purpose Temperature Probe	9FR
81-02S412	General-Purpose Temperature Probe	12FR

700 Series

81-020709	General-Purpose Temperature Probe	9FR
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All packaged sterile 50/Cs.



Nasopharyngeal Probes †

- Optimized design for nasal use
- Very soft sheath for atraumatic insertion to minimize epistaxis
- 18" (457 mm) sheath on 30" (762 mm) wire provides additional flexibility
- Fits standard DeRoyal interface cables
- Latex free
- Sterile

400 Series

81-025409	GP/Nasopharyngeal Probe	9FR
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All packaged sterile 50/Cs.



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Nasal Probe †

- Optimized design for nasal use
- Smoothed tip for atraumatic insertion
- 1" (25 mm) sheath to protect delicate nasal tissue
- Soft and pliable wire
- Fits standard DeRoyal interface cables
- Use any standard medical tape or parafiltrum to hold in place
- Latex free
- Sterile

400 Series

81-025400 GP/Nasal Probe

All packaged sterile 50/Cs.



† “In adults, the NP (nasal temperature probe) readings closely match the core temperature readings obtained by ES (esophageal stethoscope) and thus can be used as a reliable surrogate measure of core temperature. This technique may be useful and advantageous in various situations, particularly when other methods of core temperature monitoring are not available or reliable.”

Roth, MD, Jonathan V. and Braitman, PhD, Leonard E. Nasal Temperature can be used as a Reliable Surrogate Measure of Core Temperature. Journal of Clinical Monitoring and Computing (2008) 22: 309-314.

Foley Catheters with Temperature Sensor

- For urinary drainage and simultaneous monitoring of core body temperature
- Dual-purpose design can be used before, during, or after surgery
- Color-coded hubs for size identification
- Positive-locking connector for secure cable attachment
- Fully compatible with most monitors
- Safe, non-toxic components
- Complete range of sizes: 8-18 French
- Available single sterile or can be delivered in your Custom Procedural Tray
- Dependable 100% silicone construction
- Certified as MR Conditional for use in Magnetic Resonance (MR) Environment at 3.0 Tesla
- Latex free



400 Series

81-080408	Foley Catheter Temp. Probe	8FR (Brown)
81-080410	Foley Catheter Temp. Probe	10FR (Black)
81-080412	Foley Catheter Temp. Probe	12FR (White)
81-080414	Foley Catheter Temp. Probe	14FR (Green)
81-080416	Foley Catheter Temp. Probe	16FR (Orange)
81-080418	Foley Catheter Temp. Probe	18FR (Red)

700 Series

81-080716	Foley Catheter Temp. Probe	16FR (Orange)
81-080718	Foley Catheter Temp. Probe	18FR (Red)

All packaged sterile 50/Cs (25/Bx, 2 Bxs/Cs).

Temperature Monitoring

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Foley Catheter Kits

- Everything needed for the insertion of Foley Catheters, urine drainage and measurement
- Available with or without DeRoyal's Foley Catheter Temperature Sensor
- Includes syringe pre-filled with sterile saline
- Latex free Nitrile gloves included
- All items Latex free

81-080514 Foley Kit w/14FR Catheter

81-080516 Foley Kit w/16FR Catheter

81-080518 Foley Kit w/18FR Catheter

81-080500 Foley Kit w/o Catheter

All packaged sterile 10/Cs.



Multi-Purpose Tube Holder

- Ideal for securing Foley Catheters and a variety of other tubes and catheters
- Adhesive loop securely holds Foley Catheter in place
- For use with Jejunostomy Tubing, Leg Bag Tubing and Subclavian Line Ports
- Helps prevent tube dislodgement
- Applicable for securing wound drainage tubing and peritoneal dialysis exit site tubing
- Easy to position and reposition tabs
- Latex free

30-1002 Tube Holder, Medium, Non-Sterile

30-1003 Tube Holder, Large, Non-Sterile

All packaged non-sterile 50/Cs.



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DEROYAL TEMPERATURE MONITORING

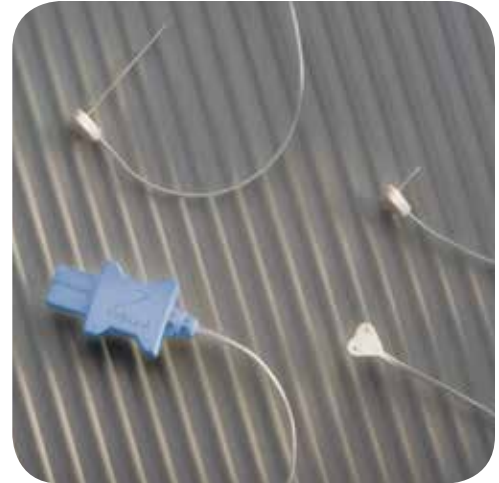
Myocardial Temperature Probes

- Used to monitor the temperature of the myocardium during open heart surgeries
- Available in a full range of popular sizes
- Small diameter stainless steel needle for less traumatic applications
- Fully compatible with most monitors
- Sturdy wire and connector for secure cable connection
- Tiny needle hub improves probe accuracy and minimizes operating site interference
- All have 21 GA needle
- Latex free

400 Series

81-030408	Myocardial Temperature Probe	8mm
81-030415	Myocardial Temperature Probe	15mm
81-030418	Myocardial Temperature Probe	18mm
81-030430	Myocardial Temperature Probe	30mm

All packaged sterile 10/Bx, 2 Bxs/Cs.



Adult Skin Temperature Probes

- Can be used in all clinical settings requiring routine monitoring of the patient's surface temperature
- Non-irritating adhesive is less traumatic to patient's skin
- Packaged sterile for convenient use in any clinical setting
- Positive-locking hub for secure cable connections
- Highly accurate skin sensor provides reliable surface temperature readings
- Fully compatible with most monitors
- Latex free

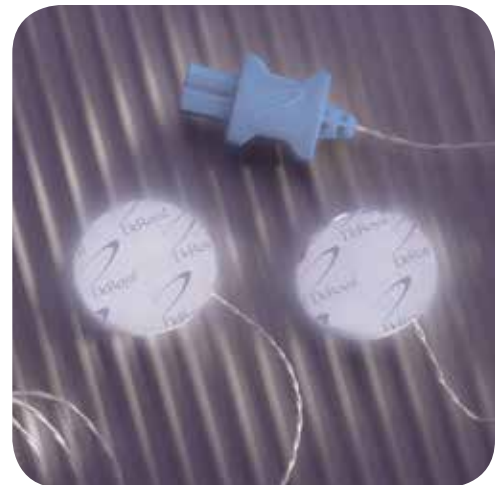
400 Series

81-010400	Adult Skin Temperature Sensor
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700 Series

81-010700	Adult Skin Temperature Sensor
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All packaged sterile 50/Cs.



Temperature Monitoring

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LCD Sensostrip™ Temperature Trend Indicators

- Provides a convenient, accurate, and inexpensive way to monitor a patient's temperature through all stages of surgery
- Excellent detector of malignant hyperthermia and hypothermia
- Continuous digital readout in 1° increments
- Adjusted for core temperature
- May be used in conjunction with probes
- Lit bars indicate proper numerical reading in seconds
- Latex free

81-010000	LCD Sensostrip™ Trend Indicator in Envelope 12 bars, 1° F increments
81-010001	LCD Sensostrip™ Trend Indicator Dispenser Box 12 bars, 1° F increments
81-010003	LCD Sensostrip™ Trend Indicator Dispenser Box 6 bars, 1° C increments

All packaged non-sterile 100/Cs.

Acrylic Holder

81-0100BX	Acrylic Holder for Sensostrip™ Dispenser Boxes
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All packaged non-sterile 1/Cs.

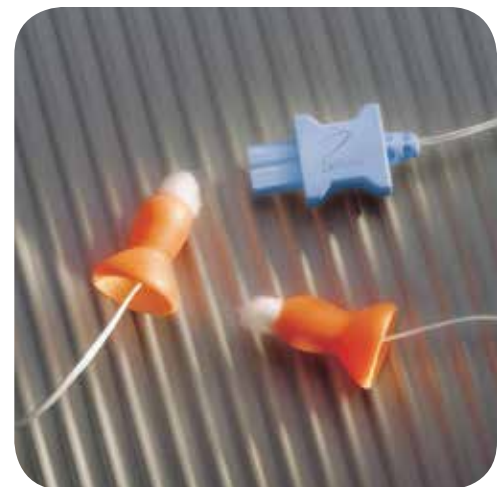
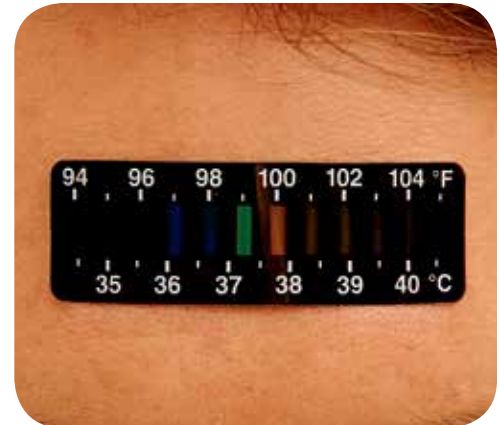
Tympanic Temperature Probes

- Designed for atraumatic measurement of patient temperature from the aural canal
- Contoured ear piece ensures simple, secure placement
- Soft cotton tip to minimize trauma
- Sturdy wire connector assemblies are engineered for dependability
- Extra-long lead eliminates wire tension
- Latex free

400 Series

81-090400	Tympanic Temperature Probe with Foam Ear Plug
81-090401	Tympanic Temperature Probe without Foam Ear Plug

All packaged non-sterile 25/Bx, 2 Bxs/Cs.



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DeRoyal offers a full range of replacement temperature probe covers of different sizes and different adhesives to meet the specific clinical needs of the neonate. The clinician can choose from adhesives made from hydrogel, acrylic, or hydrocolloid. DeRoyal's Hydrocolloid Temperature Probe Covers are designed to reduce the risk of epidermal stripping in the NICU as well as providing the secure attachment needed for gathering vital information about the neonate. Our pectin-based hydrocolloid covers protect fragile skin from adhesives; reduces risk to epidermal layers as they continue their post-partum maturation; and allow the removal or relocation of probes without disrupting skin integrity[†].

Neonatal Sensor Probe Replacement Cover System

- For accurate measurement of baby's skin temperature
- Available in hydrogel, foam, and hydrocolloid materials
- Hydrogel covers available with or without foam to maximize conformability
- Acrylic adhesive on foam and hydrogel covers ensure secure hold
- Two sizes of replacement covers
- Reflective sensor cover deflects radiant heat for more accurate readings
- Latex free



Size	Hydrogel w/Foam	Hydrogel	Foam w/Acrylic Adhesive
Construction	Foil		
	Foam	Foil	Foil
	Hydrogel	Hydrogel	Foam
$\frac{7}{8}$ "	HNICU-00	HNICU-02	HNICU-04
$1\frac{1}{8}$ "	HNICU-01	HNICU-03	HNICU-05
	Good Best	Good Best	Good Best
"Adhesiveness"			
"Gentleness"			

* All packaged 200/Cs.

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Neonatal Skin Temperature Sensor Probes

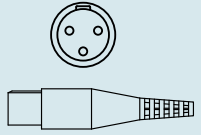
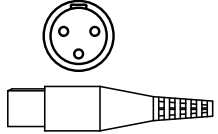
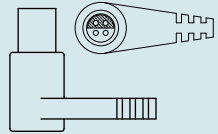
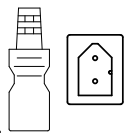
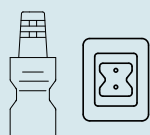
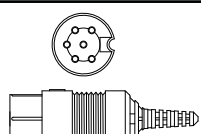
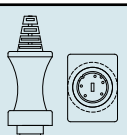
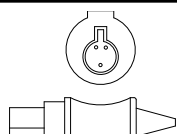
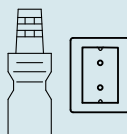
- To monitor the vital signs so crucial to life
- Choice of hydrogel or adhesive pads to adhere to fragile infant skin without irritation
- One-piece direct plug-in design compatible with all warming equipment, no interface cables required
- Unique color coding system ensures proper sensor identification during use and storage
- Reflective sensor cover deflects radiant heat for more accurate readings
- Disposable replacement pads available
- Latex free



Product No.	Color	Machines & Manufacturers	Replaces Probe Number	Shape [†]
HNICU-22	Black	Ohmeda/Ohio's Care Plus Intensive Care Incubator NIC, 190ASC & Infant Warmer System (IWS)	Ohmeda/Ohio's LA001 Level 1's STS-203	
HNICU-25	Purple	Air-Shield's Isolette C100, C450, C550, IT500, C200 PM72s, & Radiant Warmers IICS, IICS90, IICS-VHA, BRW, DRW & ESIW	Air-Shield's/Vicker's 68-209-70 Level 1's STS-201	
HNICU-26	Orange	Ohmeda/Ohio's Care Plus Intensive Care (IC) Incubator & Infant Warmer System (IWS) 2001, 3000, 3300, 3500, & 5000	Ohmeda/Ohio's LA003 (Reusable) & LA005 (Disposable)	
HNICU-29	Green	Air-Shield's C86 Incubator (Old Version) & Infant Radiant Warmers System ICS & Mobile Infant Warmers	Air-Shield's/Vicker's 17-575-14 Level 1's STS-202	

DeRoyal Industries, Inc. acknowledges all trademarks and registered trademarks of manufacturers listed. The data given in this product listing is for general information and is subject to change without notice.

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Product No.	Color	Machines & Manufacturers	Replaces Probe Number	Shape†
HNICU-30	Blue	Hill-Rom's Stabilet Radiant Warmers 1200 Series, 1500 Series & 2000C	Hill-Rom's BCZ009 Level 1's STS-206	
HNICU-31	Gold	Hill-Rom's Stabilet Radiant Warmers 200 & 2000 Series	Hill-Rom's BCZ008 Level 1's STS-205	
HNICU-32	Navy	Drager's BabyTherm 8010, 8000, Overhead Radiant Heater 2M20116, Incubators 8000 IC & 8000 SC (Standard Care)	Drager's Reusable Probe 8405371 Level 1's STS-205	
HNICU-33	Yellow	Drager's Isolette 8000 IC w/Thermo Monitoring, BabyTherm 8004, & BabyTherm 8010	No Reusable by Drager	
HNICU-34	White	Drager's BabyTherm 8004 & BabyTherm 8010	No Reusable by Drager	
HNICU-35	Light Green	Hill-Rom/Air-Shield's Isolette C100, C400QT, C450QT, C550, IT500, & Radiant Warmer IICS-90	Hill-Rom's/Air-Shield's 81-300-05, 81-300-08, & 81-300-09	
HNICU-36	Putty	Drager's C2000	Drager's M911228-02	
HNICU-37	Pink	GE's (Ohmeda) Giraffe	GE's 6600-0873-700 & 6600-0874-700	
HNICU-38	Yellow	Drager's BabyTherm 8004 & BabyTherm 8010 [Temp 2/Peripheral]	No Reusable by Drager	

* All packaged 50/Cs.

† Drawings not to scale.

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Improving Care. Improving Business.

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