Digi-Sense® 400-Series Thermistor Probes

Get accurate readings over biological range



Thermistor probes offer excellent accuracy over the biological temperature range. Electrically isolated probes include a non-detachable 10-ft lead with phone plug (except as noted). Water-resistant junctions between probe leads should not be immersed; detachable leads are not water resistant. Probes are accurate to ±0.2°F from 32 to 150°F (±0.1°C from 0 to 70°C).

Dimensions†	Temperature range °F (°C) ^{††}	Accuracy	Catalog number	Price*	Photo
General-purpose immersion probe, 316 SS wi	_ · · · ·	se with liquids, gases, and sem	isolids.		
Sheath: 10"L x 0.188" dia Handle: 5.5"L Cable: 5-ft coil cord	-40 to 212 (-40 to 100)	±0.2°F from 32 to 150°F (±0.1°C from 0 to 70°C)	GH-93824-00		
Phone plug					
General-purpose immersion probe, PFA-coate	d 316 SS with ABS h	andle. For use with liquids, ga	ses, and semisolid	S.	
Sheath: 10"L x 0.200" dia Handle: 5.5"L Cable: 5-ft coil cord	-40 to 212 (-40 to 100)	±0.2°F from 32 to 150°F (±0.1°C from 0 to 70°C)	GH-93824-12		
Phone plug	(10 10 100)	(=011 0 110111 0 10 70 0)			8.
Penetration probe, 316 SS with ABS handle. Fo	or use with liquids, ga	ses, and semisolids.			
Sheath: 4"L x 0.188 dia Handle: 5.5"L Cable: 5-ft coil cord Phone plug	-40 to 212 (-40 to 100)	±0.2°F from 32 to 150°F (±0.1°C from 0 to 70°C)	GH-93824-30		- IĜ-DIGI-SEN
Penetration probe, 316 SS with miniature stail	nless steel handle. F	or insertion into semi-solids su	ch as food. Industr	y number 41	8.
Sheath: 4.6875"L x 0.156 dia Handle: 1.25"L Cable: 10-ft PVC cable Phone plug	-40 to 212 (-40 to 100)	±0.2°F from 32 to 150°F (±0.1°C from 0 to 70°C)	GH-08491-16		
Flexible PVC insulated sheath and tip wire pro	be. Immersible for sh	ort-term deep-water and sub s	soil readings. Indus	stry number 4	401.
Sheath/tip: 0.5"L x 0.25" dia (PVC coated tip) Cable: 10-ft cable. Phone plug.	-40 to 212	±0.2°F from 32 to 150°F	GH-08491-02		
Sheath/tip: 0.5"L x 0.25" dia (PVC coated tip) Cable: 50-ft cable. Phone plug.	(-40 to 100)	(±0.1°C from 0 to 70°C)	GH-08491-04		11/6
Flexible PVC insulated sheath and tip wire pro	be. Industry number	403.			43.00.4 * PM-0000
Sheath/tip: 13"L x 0.125" dia (PVC coated tip) Cable: 10-ft cable Phone plug	-40 to 212 (-40 to 100)	±0.2°F from 32 to 150°F (±0.1°C from 0 to 70°C)	GH-08491-05		
Deep water/soil probe, 316 SS probe with wat	erproof PFA seal. We	eighted and insulated for contin	nuous use underwa	ater	
Sheath: 2"L x 0.25" dia Handle: 3"L x 0.562" dia Cable: 50-ft PVC flexible cable Phone plug	-40 to 212 (-40 to 100)	±0.2°F from 32 to 150°F (±0.1°C from 0 to 70°C)	GH-93823-00		
Liquid-immersion probe, 304 SS. Immersible or	nly to cap.				
Sheath: 4.5"L x 0.156" dia Handle: 1.25"L x 0.25" dia Cable: 10-ft cable Phone plug	-40 to 212 (-40 to 100)	±0.2°F from 32 to 150°F (±0.1°C from 0 to 70°C)	GH-08491-06		
Liquid-immersion probe, PYREX® glass. For th	ermometric titrations.	Industry number 404.			
Sheath: 5"L x 0.187" dia Cable: 10-ft cable Phone pluq	-40 to 212 (-40 to 100)	±0.2°F from 32 to 150°F (±0.1°C from 0 to 70°C)	GH-08491-13		(
Surface probe, 316 SS with stainless steel ha	ndle For use on flat s	urface and soil temperatures	Industry number 4	ng	
Sheath: 3.625"L x 0.058" dia Disk: 0.106" dia; Handle: 1.25"L Cable: 10-ft cable Phone plug	-40 to 212 (-40 to 100)	±0.2°F from 32 to 150°F (±0.1°C from 0 to 70°C)	GH-08491-09	03.	
	h stainless steel han	dle and flexible wire. Not elec	ctrically isolated or	autoclavable	e and with non-detachable lead. Industry number 427.
Sheath: 24"L (flexible wire) Disk: 0.106" dia; Handle: 1.25"L Cable: 10-ft cable Phone plug	-40 to 212 (-40 to 100)	±0.2°F from 32 to 150°F (±0.1°C from 0 to 70°C)	GH-08491-11		
Surface probe, epoxy-backed 316 SS disk wit	h flexible PVC cover	ed leads Recommended for fir	at-surface tempora	iture meseur	ements Industry number 409R
Disk: 0.375" dia x 0.125"D Cable: 10-ft cable Phone plug	-40 to 212 (-40 to 100)	±0.2°F from 32 to 150°F (±0.1°C from 0 to 70°C)	GH-08491-10	itaro measan	oneno. muosa y numbor 4000.
<u> </u>	numerale Durk and 1		and land to det	abla de Duo	Nonmontos Net algoridadis instata da la destracción de 112
//s-NPT fitting probe, 316 SS. For closed pipes o Shabie: 1"L x 0.156" dia (total length 3.25") Cable: 10-ft cable Phone plug	-40 to 212 (-40 to 100)	±0.2°F from 32 to 150°F (±0.1°C from 0 to 70°C)	ead; lead is detach	iadie via BNC	C connector. Not electrically isolated. Industry number 416.
Air temperature probe, 316 SS. For test rooms,	gas stream temperati	ures, and incubators, 316 SS ca	age around enoxy-	encapsulated	d thermistor, Industry number 405.
Sheath: 1.875"L x 0.50" dia 10-ft cable Phone plug	-40 to 212 (-40 to 100)	±0.2°F from 32 to 150°F (±0.1°C from 0 to 70°C)	GH-08491-08	- July Suracou	

th Temperature range is for the probe tip only. The handle material may be affected if the probe is rated higher than the handle depending on exposure time, application, and handle material. ABS handles are rated to 220°F (104°C); PVC handles are rated to 200°F (93°C); Stainless steel handles are rated to 450°F (232°C).

[†]Overall probe sheath lengths may vary up to ±0.25".

^{*}Discounts: Save 10% on 6-10 probes of any assortment, 15% on 11-24 probes, and 20% on 25-50 probes.