



WAHL DST500, DST550 & DSX500 METER ORDER GUIDE

Step 1 - Select Digi-Stem DST500 Series RTD Meter (NIST purchased separately)		Price	Add \$
Code	Digi-Stem RTD Meter, LCD, "C" Battery Included		
DST500	Digi-Stem RTD Meter, LCD, Battery Powered Display, -328° to 1472°F (-200° to 800°C)		\$
DST550	Digi-Stem MIN-MAX RTD Meter, LCD, Battery Powered Display, -328° to 1472°F (-200° to 800°C)		\$
DSX500	Digi-Stem Transmitter RTD Meter, 1/2" NPT Female, LCD, Loop Powered, 4-20mA Transmitter, -328° to 1472°F (-200° to 800°C)		\$
DSX501	Digi-Stem Transmitter RTD Meter, Turck Connector, LCD, Loop Powered, 4-20mA Transmitter, -328° to 1472°F (-200° to 800°C)		\$
DSX Specify: Temperature Set Points: 4 mA _____ and 20 mA _____. Burnout: High ____* or Low ____*			

Code	Select Battery Option (if applicable)	Price	Add \$
I	International ("AA" Battery included)	N/C	_____
NB	No Battery included. Requires purchase of C battery from local supplier (DST Models only) SUBTRACT		

Note: DST Meters come standard with a "C" cell battery, for ground shipment in the contiguous 48 states and some areas of Canada. For air shipments, selection of Code "I" with a "AA" battery, or Code "NB" with no battery, is required to avoid additional charges in compliance with transportation regulations regarding "C" cell lithium metal batteries.

Code	Select Meter Mounting Options (if required)	Price	Add \$
P	Panel Mount - Stem Connection located at Bottom Back of Case, includes Quick Disconnect		\$
Q	Quick Disconnect on Meter		\$

Select Code Q only when buying a replacement Meter with Quick Disconnect for Remote Probe on Meter end and/or if buying a replacement Meter and Remote Probe with no Cable)

Stop here if ordering a replacement Meter only. To order a probe, please continue to next page.

Meter requires a probe to operate.

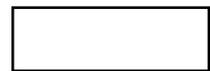
DST5_____						Meter Total:	\$
Meter	Battery	Options					

A complete Digi-Stem System consists of both a Meter and a Probe. They must be ordered together. Order both at the same time for a complete, working system.

Probes can be wired directly to the meter, or made as a remote mount through a connector cable, with many different options to chose from.

Replacement meters and replacement or additional probes can also be ordered, but it is recommended that the meter and probe are calibrated together as a system.

Digi-Stem's are designed and built in our Asheville, North Carolina factory. If the options you need are not shown here, please call our Customer Service Department at 1-800-421-2853 or 828-658-3131 for help with your application.



WAHL DST500, DST550 & DSX500 PROBE ORDER GUIDE

Step 2 - Select DST500 Series Probe

Code	Select Probe Type	Price	Add \$
DST5	DST500 Series RTD Probe		
Code	Select Process Connection (Select One)	Price	Add \$
01	1/2" NPT Fitting		\$
02	3/4" NPT Fitting		\$
03	1" & 1-1/2" Diameter; 3-A Sanitary Flange; Stem Type Code 2; Stem Material Code 2 only		\$
04	2" Diameter; 3-A Sanitary Flange; Stem Type Code 2; Stem Material Code 2 only		\$
05	2-1/2" Diameter; 3-A Sanitary Flange; Stem Type Code 2; Stem Material Code 2 only		\$
06	3" Diameter; 3-A Sanitary Flange; Stem Type Code 2; Stem Material Code 2 only		\$
07	1-1/4" x 18 NEF2 Swivel Nut Fitting		\$
08	1/2" NPSM Swivel Nut Fitting (Consult Customer Service when ordering for proper fit of thermowell)		\$
09	Unthreaded Transition Fitting		\$
Code	Select Mounting Type (Select One)	Price	Add \$
A	Adjustable Angle (Not available on Remote Stems)		\$
B	Rigid (Bottom Connected) (For Back, Left or Right Side Mount add #13146X - 90° Elbow and specify Mount)	N/C	____*
C	Remote (Complete additional specifications on following page) (Mounting Bracket not included)		\$
Code	Select Stem Type (Select One)	Price	Add \$
2	Welded	N/C	____*
3	Spring Loaded. Process Connection Codes 01 & 02 only. Stem Tip Diameter Code 1 only.		\$
Code	Select Stem Material / Construction (Select One)	Price	Add \$
1	304 SS, Temperature Rating 400°F (204°C)	N/C	____*
2	316L SS, Temperature Rating 400°F (204°C) (Not available with Stem Diameter Code 3)		\$
3	304 SS, Temperature Rating 1472°F (800°C)	POA	\$
4	316L SS, Temperature Rating 1472°F (800°C) (Not available with Stem Diameter Code 3)	POA	\$
Code	Select Stem Diameter (Select One)	Price	Add \$
1	1/4" Diameter	N/C	____*
2	3/8" Diameter		\$
3	5/8" Stem, 7/16" Tapered Bulb, (Process Conn 07 only, Stem Material Code 1 & 3 only, Stem Lengths: 3.5", 6", 8", 9", 12".)		\$
4	1/2" Diameter stepped down to 1/4" diameter over last 1-1/2 inches		\$
Code	Specify Stem Length (Specify exact length desired)	Price	Add \$
01X-12X	1" to 12" Length in inches - 01X = 1 in, 02X = 2 in, 03X = 3 in, etc. For fractional lengths substitute X with: A = 1/4", B = 1/2", C = 3/4", Ex: 03B = 3-1/2". Specify exact length desired: _____	N/C	____*
13X-72X	13" to 72" Length in inches. For fractional lengths substitute X with: A = 1/4", B = 1/2", C = 3/4", Example: 13B = 13-1/2". Specify exact length desired: _____		\$
Stop here if ordering Adjustable Angle or Rigid Probe. If Ordering Remote Probe continue on next page.			

DST5										Subtotal	\$
Probe Type	Process Connection	Mounting Type	Stem Type	Stem Material	Stem Diameter	Stem Length					

Note: All Palmer Wahl Sanitary products have a surface finish (Ra) of 32 μ inch (.8μm) or better. Other finishes, including Electropolishing are available as options, priced on request.



WAHL DST500, DST550 & DSX500 REMOTE PROBE ORDER GUIDE

Step 3 - Select Remote Probe Cable Specifications (if desired). To order a Replacement Cable see next page.

Code	Select Meter Connection - where cable attaches to Digi-Stem Meter (Select One)	Select or Add \$
1	Fixed (Cable attached to meter via 1/2" NPT fitting, must be disconnected from PCB to separate from meter)	N/C
2	Quick Disconnect (Molded) - Straight Connection (Cable attached via IP67 rated Molded TURCK 4-pin plug & receptacle)	\$
3	Quick Disconnect (Molded) - 90° Connection (Cable attached via IP67 rated Molded TURCK 4-pin plug & receptacle)	\$
4	Quick Disconnect (Standard) - Straight Connection (Cable attached via IP67 rated TURCK 4-pin plug & receptacle)	\$

Code	Select Remote Probe Cable Type	Select or Add \$
1	PVC, Temperature Rating 221°F (105°C)	N/C

Code	Specify Remote Probe Cable Length - 4-Pin Connector	Select or Add \$
002	2 meters (6.5 feet)	\$
004	4 meters (13.1 feet)	\$
006	6 meters (19.7 feet)	\$
008	8 meters (26.3 feet)	\$
010	10 meters (32.8 feet)	\$
011-200	011 = 11 meters, etc. up to 200 meters. Price is per meter, Specify exact length desired _____	/meter \$

Code	Select Remote Probe Cable Connection - point where cable attaches to probe fitting (Select One)	Select or Add \$
1	Fixed (Cable permanently attached to probes process fitting)	N/C
2	Quick Disconnect - Straight Connection (Cable attached via IP67 rated Molded TURCK plug & receptacle)	\$
3	Quick Disconnect - 90° Connection (Cable attached via IP67 rated Molded TURCK plug & receptacle)	\$
4	Quick Disconnect - Straight Connection (Cable attached via IP67 rated Standard TURCK plug & receptacle)	\$

For Replacement Cable only, see next page. For Replacement Probe only, determine Part Number and Price with Codes on previous pages and this page and add Suffix "P" at end of part number.

					Subtotal from above	\$
Meter Connection	Cable Type	Cable Length	Cable Connection		Subtotal from previous page	\$
					Subtotal from Meter page	\$
					TOTAL	\$

* Units must be returned to Factory for installation.
 † Replacement Probe and System Calibration may be required.

Final Part Number:

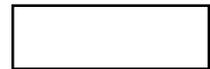
DS _____			DST5										
Meter	Battery	Options	Probe Type	Process Connection	Mounting Type	Stem Type	Stem Material	Stem Diameter	Stem Length	Meter Connections	Cable Type	Cable Length	Cable Connection
Meter			Adjustable Angle and Rigid Probe (from previous page)							Remote Probe			

WAHL DST500 SERIES OPTIONAL ACCESSORIES ORDER GUIDE

Step 4 - Select DST500 Series Software and Accessories

		Price	Add
DSTCAL	DST500 Series Calibration Software Kit (includes USB Cable, DST/USB Interface Module, and Serial Interface Cable)		\$
12360-002	DST500 Series Interconnect Calibration Cable, 2 meter length - 4 conductor		\$
13500-04	DST500 Series Fixed Probe Calibration Cable Assembly, 1 meter length - 4 conductor		\$
DST500 Series Meter Accessories and NIST Traceable Certificate of Conformance		Price	Add
DSA3030	Wall Mount Bracket (for Remote Mount units)		\$
DSA3031	Wall Mount Bracket (for Remote Mount units) with Grounding Lug		\$
DSA3032	Security Screw Kit (Screws, washers, security wire seal, instructions. Installed when purchased with meter)		\$
DSA3033	Security Wire Seals, Tamper Resistant, 10/pack, Toolless, 8", Stainless Steel Wire		\$
DSA3062	Spare Lithium Thionyl Chloride "C" Battery, 3.6V, for all DST meters except FM version		\$
12234-03	Spare Lithium Thionyl Chloride "AA" Battery for "I" versions		\$
13146X	90 Degree Elbow for Rigid Stem models, Specify X: Back Connection (B), Left (L) or Right Side (R) Mount		\$
	NIST Traceable Certificate of Conformance with Firmware Upgrades (included if applicable)		See Calibration Price List
	Recalibration & Firmware Upgrades (included if applicable)		See Calibration Price List

DST500 • DST550 Series



WAHL DST500 SERIES REPLACEMENT QUICK DISCONNECT CABLE ORDER FORM				
Code	Meter Connection Description	Probe Connection Description	Price	Add \$
12360	Straight Quick Disconnect (Molded Connector)	Straight Quick Disconnect (Molded Connector)		\$
	Straight Quick Disconnect (Standard Connector) on Meter and Probe end (add Code -FW below)			
12363	90 Deg. Angle Quick Disconnect (Molded Connector)	90 Deg. Angle Quick Disconnect (Molded Connector)		\$
12364	90 Deg. Angle Quick Disconnect (Molded Connector)	Straight Quick Disconnect (Molded Connector)		\$
12365	Straight Quick Disconnect (Molded Connector)	90 Deg. Angle Quick Disconnect (Molded Connector)		\$

Note: Transmitter Output Cable for DSX501: #12361-XXX for Straight Quick Disconnect on Meter end only. Call Customer Service to order.

Code	Specify Remote Probe Cable Length - 4-Pin Connector	Price	Add \$
002	2 meters (6.5 feet)		\$
004	4 meters (13.1 feet)		\$
006	6 meters (19.7 feet)		\$
008	8 meters (26.3 feet)		\$
010	10 meters (32.8 feet)		\$
011-200	011 = 11 meters, etc. up to 200 meters. Price is per meter, Specify exact length desired _____	/meter	\$

Code	Specify Standard Turck Connector if desired	Price	Add \$
-FW	Cable attached via Standard IP67 rated TURCK 4-pin plug & receptacle (add to Model 12360 only)		

			(Leave Blank if not selected)	Total:	\$
Connector	Cable Length	Standard Connector			