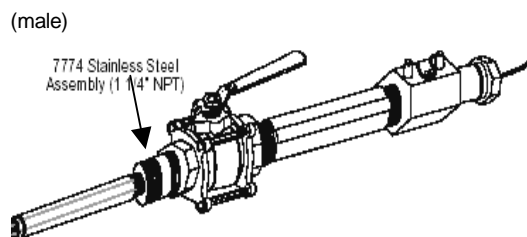
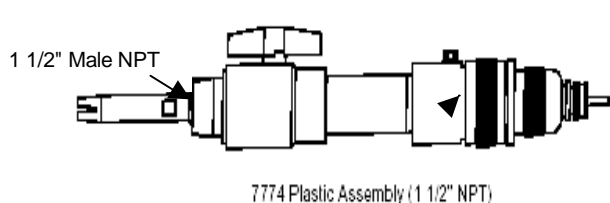


Series 7774 Meredian® pH ORP Electrode Insertion/Removal Assemblies (Ball Valve)

Model Selection Guide

- Designed for use in processes under pressure up to 50 psig
- Can be used in pipeline, tank wall, or other vessel in any position
- Available in plastic and 316 SST
- See Product Spec 70-82-03-05 for detail



Instructions

- Select the desired key number. The arrow to the right marks the selection available.
- Make one selection per table, using the column below the proper arrow. A dot denotes unrestricted availability. A letter denotes restricted availability. Restrictions follow Table III.

Key Number I II III

_____ - _____ - _____ - _____

KEY NUMBER	Description	Selection	Availability
7774 Electrode Mounting		07774	↓

TABLE I - Select Ball Valve Material and Preamp (depends on analyzer or transmitter used)

Ball Valve Material	Instrument Used With	Preamp		
CPVC Assembly	9782-02 Analyzers, 7082-3_, 71 Analyzers (w/internal preamp), APT2000 Transmitter, APT4000 Analyzer	None (direct electrode to instrument connection) - Preamp internal to instrument	20	•
	9782-01 Analyzers, 7082-1_, -2_, -5_, -70 Analyzers, and 7084 Analyzer/Controller	31075705 (includes a 31075707 external preamp and a 31075723 20 Ft. (6, 10m) quick disconnect cable) Note 1	70	•

07774

TABLE I (continued) - Select Ball Valve Material and Preamp (depends on analyzer or transmitter used)

Ball Valve Material	Instrument Used With	Preamp	Selection	
316 SST Assembly	9782-02 analyzers, 7082-3_, 71 Analyzers (w/internal preamp), APT2000 Transmitter, APT4000 Analyzer	None (direct electrode to instrument connection) - Preamp internal to instrument	40	•
	9782-01 Analyzers, 7082-1_, -2_, -5_, -70 Analyzers, and 7084 Analyzer/Controller	31028698 (includes 31022283 external preamp)	80	•

TABLE II - ELECTRODE TYPE, LEADS, TEMPERATURE RANGE, PART NUMBER
CPVC Assembly:

Electrode Type	Leads	Temp. Range	Part Number		
None				00	•
Meridian II - pH	12' (3,66m) Tinned	0 to 80°C	31074383	23	h
Meridian II - pH	12' (3,66m) Tinned	20 to 110°C	31074382	24	h
Meridian II - ORP (gold) Note 2	12' (3,66m) Tinned	-5 to 100°C	31074388	25	h
Meridian II-ORP (platinum) Note 2	12' (3,66m) Tinned	-5 to 110°C	31074389	26	h
Meridian II - pH	12' (3,66m) Quick Disconnect	0 to 80°C	31074387	21	j
Meridian II - pH	12' (3,66m) Quick Disconnect	20 to 110°C	31074386	22	j

316 Stainless Steel Assembly:

Electrode Type	Leads	Temp. Range	Part Number		
Meridian - pH (no ATC)	12' (3,66m) Tinned	0 to 80°C	31117489	01	d
Meridian - ORP (gold) Note 2	12' (3,66m) Tinned	-5 to 100°C	31020749	05	d
Meridian - ORP (platinum) Note 2	12' (3,66m) Tinned	-5 to 130°C	31020751	06	d
Meridian - pH (with ATC)	12' (3,66m) Tinned	10 to 80°C	31050381	08	e

TABLE III - OPTIONS

Tagging	Linen Customer I.D. Tag - (limit to 3 lines, 22 spaces per line)	L	•
	Stainless Steel Customer I.D. Tag - (limit to 3 lines, 22 spaces per line)	S	•
Certificate of Calibration	Yes	10	•

Note 1: For longer preamp to instrument cables, see Accessories and Spare Parts List.**Note 2:** Gold is generally used in applications containing cyanide; platinum for all others.

RESTRICTIONS

Restriction Letter				Available Only With		Not Available With	
d	e	h	j	Table	Selection	Table	Selection
		■		I	20		
			■	I	70		
■				I	40, 80		
	■			I	40, 80		

Series 7774**Accessories and
Replacement Parts**

Note: For replacement electrodes see Replacement Electrodes Price List, Page RE-1 & 2.

Description	Part Number
Directions (S.S.) - Durafet I & Meredian II	70-82-25-44
Directions (CPVC) - Durafet I & Meredian II	70-82-25-14
pH Buffer Solutions (one pint)	
4.01	31103001
6.86	31103002
9.18	31103003
Cable - preamp (31075704, 31075705, 31079288) to instrument	
Table I = 10, 50, 70, 90	
- 20 feet (6,10 meters)	31075723
- 50 feet (15,24 meters)	51309677-001
- 100 feet (30,50 meters)	51309677-002
- 101 feet (61,0 meters)	51309677-003
Cable - 6 Conductor, for Junction Box to Instrument Connection when Preamp to Instrument Distance is Greater than 20 feet (6,10 meters) . (Table I = 10, 50, 70, 90)	31834088
Water Proof Junction Box for 6-conductor cable, incl's terminal block strip	31316260
CPVC Nipple for 12 Inch Insertion Length.	074344
CPVC Valve Assembly (includes support tube assembly). Adapter Coupling (074342) must be ordered separately.	31074357
Adapter Coupling	31074342
Stainless Steel Valve Assembly (does not include support tube assembly). Support Tube Assembly for Meredian Electrodes (31063261) must be ordered separately.	31741450
Meredian Support Tube Assembly - S.S.	31063261