

microelectrode holders

Q Series

Q Series Electrode Holders

Microelectrode holders for every application and manufacturer

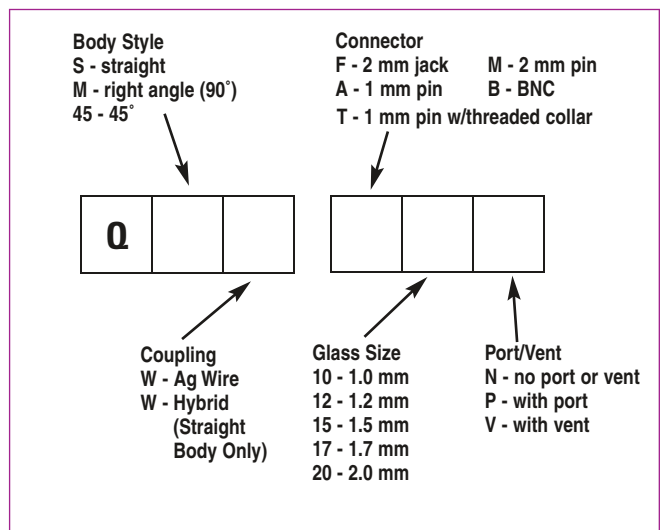


- Patch Clamp Recording
- Intracellular Recording

Specifications

Body Material	Polycarbonate, 6.3 mm diameter
Body Styles	Straight, 45°, and 90°
Connectors	1 mm Pin, 1 mm Pin Threaded and BNC
Coupling	Ag Wire or Ag-AgCl Hybrid
Port	2 mm diameter Polycarbonate
Standard Glass Sizes	1.0, 1.2, 1.5, 1.7 and 2.0 mm

How to Decode Q Series Model Numbers



Connector and Amplifier Headstage Compatibility

Connector	Headstage
A (1 mm pin)	Warner PC-505A/B, PC-501A Axon Patch Clamps prior to 2/1/95
B (BNC)	List and Dagan
F (2 mm jack)	Warner PC-501 & Electrometers
M (2 mm pin)	Axon Axoclamp & Axoprobe prior to 2/1/95
T (1 mm pin/threaded)	All Axon after 2/1/95

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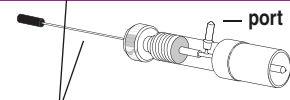
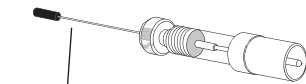
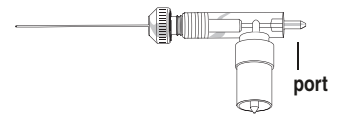
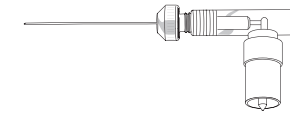
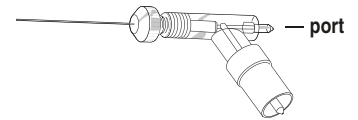
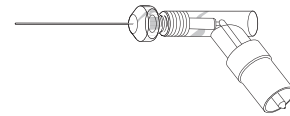
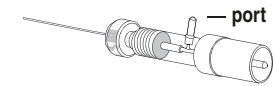
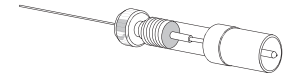
Q Series Electrode Holders with 1 mm Pin

Compatible with Warner PC-501 and PC-505 Patch Clamps, and Axon Patch Clamps (prior to 2/1/95)

NOTE: Holders without ports are not suitable for patch clamp recording.

Q SERIES Holders with 1 mm Pin

Order #	Wire/Pellet	Connector	Port	Glass OD (mm)	Model
W4 64-1105	Wire	Straight	No	1.0	QSW-A10N
W4 64-1106				1.2	QSW-A12N
W4 64-1107				1.5	QSW-A15N
W4 64-0745				1.7	QSW-A17N
W4 64-1108				2.0	QSW-A20N
W4 64-0821			Yes	1.0	QSW-A10P
W4 64-0822				1.2	QSW-A12P
W4 64-0823				1.5	QSW-A15P
W4 64-0978				1.7	QSW-A17P
W4 64-0824				2.0	QSW-A20P
W4 64-0841		45°	No	1.0	Q45W-A10N
W4 64-0842				1.2	Q45W-A12N
W4 64-0843				1.5	Q45W-A15N
W4 64-1098				1.7	Q45W-A17N
W4 64-0844				2.0	Q45W-A20N
W4 64-1055			Yes	1.0	Q45W-A10P
W4 64-1056				1.2	Q45W-A12P
W4 64-1057				1.5	Q45W-A15P
W4 64-0968				1.7	Q45W-A17P
W4 64-1058				2.0	Q45W-A20P
W4 64-0861		90°	No	1.0	QRW-A10N
W4 64-0862				1.2	QRW-A12N
W4 64-0863				1.5	QRW-A15N
W4 64-1103				1.7	QRW-A17N
W4 64-0864				2.0	QRW-A20N
W4 64-1075			Yes	1.0	QRW-A10P
W4 64-1076				1.2	QRW-A12P
W4 64-1077				1.5	QRW-A15P
W4 64-0973				1.7	QRW-A17P
W4 64-1078				2.0	QRW-A20P
W4 64-1351	Hybrid	Straight	No	1.5	QSH-A15N
W4 64-1352				1.7	QSH-A17N
W4 64-1353				2.0	QSH-A20N
W4 64-1354			Yes	1.5	QSH-A15P
W4 64-1355				1.7	QSH-A17P
W4 64-1356				2.0	QSH-A20P



HP-205 (W4 64-1288)
with Teflon™ Sleeve

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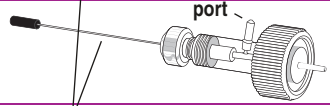
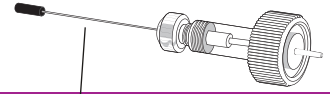
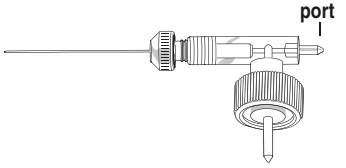
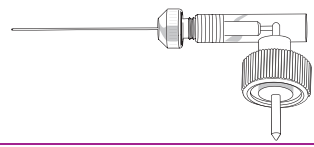
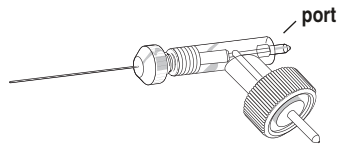
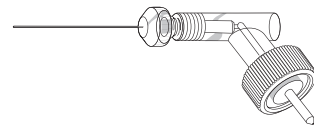
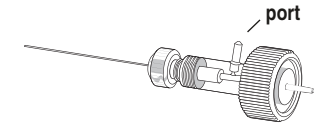
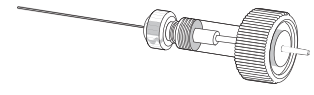
Q Series Holders with 1 mm Pin, Threaded Collar

Compatible with: Axon Patch Clamps and Microelectrode Amps post 2/1/95

NOTE: Holders without ports are not suitable for patch clamp recording.

Q SERIES Holders with 1 mm Pin, Threaded Collar

Order #	Wire/Pellet	Connector	Port	Glass OD (mm)	Model
W4 64-1121	Wire	Straight	No	1.0	QSW-T10N
W4 64-1122				1.2	QSW-T12N
W4 64-1123				1.5	QSW-T15N
W4 64-0749				1.7	QSW-T17N
W4 64-1124				2.0	QSW-T20N
W4 64-0837			Yes	1.0	QSW-T10P
W4 64-0838				1.2	QSW-T12P
W4 64-0839				1.5	QSW-T15P
W4 64-1097				1.7	QSW-T17P
W4 64-0840				2.0	QSW-T20P
W4 64-0857		45°	No	1.0	Q45W-T10N
W4 64-0858				1.2	Q45W-T12N
W4 64-0859				1.5	Q45W-T15N
W4 64-1102				1.7	Q45W-T17N
W4 64-0860				2.0	Q45W-T20N
W4 64-1071			Yes	1.0	Q45W-T10P
W4 64-1072				1.2	Q45W-T12P
W4 64-1073				1.5	Q45W-T15P
W4 64-0972				1.7	Q45W-T17P
W4 64-1074				2.0	Q45W-T20P
W4 64-0877		90°	No	1.0	QRW-T10N
W4 64-0878				1.2	QRW-T12N
W4 64-0879				1.5	QRW-T15N
W4 64-0744				1.7	QRW-T17N
W4 64-0880				2.0	QRW-T20N
W4 64-1091			Yes	1.0	QRW-T10P
W4 64-1092				1.2	QRW-T12P
W4 64-1093				1.5	QRW-T15P
W4 64-0977				1.7	QRW-T17P
W4 64-1094				2.0	QRW-T20P
W4 64-1363	Hybrid	Straight	No	1.5	QSH-T15N
W4 64-1364				1.7	QSH-T17N
W4 64-1365				2.0	QSH-T20N
W4 64-1366			Yes	1.5	QSH-T15P
W4 64-1367				1.7	QSH-T17P
W4 64-1368				2.0	QSH-T20P



HP-205 (W4 64-1288)
with Teflon™ Sleeve

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Q Series Holders with BNC Connector

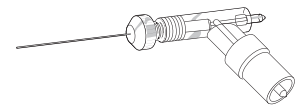
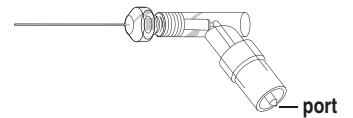
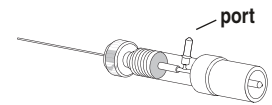
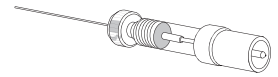


Compatible with: Heka, List and Dagan Patch Clamps

NOTE: Holders without ports are not suitable for patch clamp recording.

Q SERIES Holders with BNC Connector

Order #	Wire/Pellet	Connector	Port	Glass OD (mm)	Model
W4 64-1109	Wire	Straight	No	1.0	QSW-B10N
W4 64-1110				1.2	QSW-B12N
W4 64-1111				1.5	QSW-B15N
W4 64-0746				1.7	QSW-B17N
W4 64-1112				2.0	QSW-B20N
W4 64-0825			Yes	1.0	QSW-B10P
W4 64-0826				1.2	QSW-B12P
W4 64-0827				1.5	QSW-B15P
W4 64-0979				1.7	QSW-B17P
W4 64-0828				2.0	QSW-B20P
W4 64-0845		45°	No	1.0	Q45W-B10N
W4 64-0846				1.2	Q45W-B12N
W4 64-0847				1.5	Q45W-B15N
W4 64-1099				1.7	Q45W-B17N
W4 64-0848				2.0	Q45W-B20N
W4 64-1059			Yes	1.0	Q45W-B10P
W4 64-1060				1.2	Q45W-B12P
W4 64-1061				1.5	Q45W-B15P
W4 64-0969				1.7	Q45W-B17P
W4 64-1062				2.0	Q45W-B20P



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Q Series Holders with BNC Connector (continued)

Q SERIES Holders with BNC Connector

Order #	Wire/Pellet	Connector	Port	Glass OD (mm)	Model
W4 64-0865		90°	No	1.0	QRW-B10N
W4 64-0866				1.2	QRW-B12N
W4 64-0867				1.5	QRW-B15N
W4 64-1104				1.7	QRW-B17N
W4 64-0868				2.0	QRW-B20N
W4 64-1079			Yes	1.0	QRW-B10P
W4 64-1080				1.2	QRW-B12P
W4 64-1081				1.5	QRW-B15P
W4 64-0974				1.7	QRW-B17P
W4 64-1082				2.0	QRW-B20P
W4 64-1357	Hybrid	Straight	No	1.5	QSH-B15N
W4 64-1358				1.7	QSH-B17N
W4 64-1359				2.0	QSH-B20N
W4 64-1360			Yes	1.5	QSH-B15P
W4 64-1361				1.7	QSH-B17P
W4 64-1362				2.0	QSH-B20P
W4 64-0833*		Straight	Yes	1.0	QSW-M10P
W4 64-0834*		Straight	Yes	1.2	QSW-M12P
W4 64-0835*		Straight	Yes	1.5	QSW-M15P
W4 64-0836*		Straight	Yes	2.0	QSW-M20P

*Compatible with Axon.

