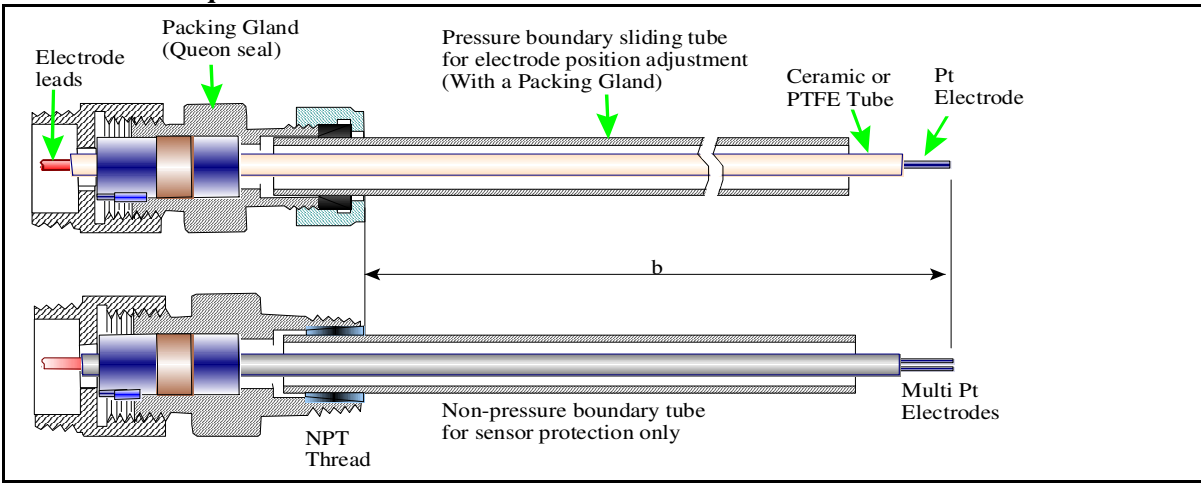


# High-Temperature and High-Pressure Platinum Redox Electrodes

High **Pressure**, high **Temperature** and high **Sealability** ratings, low leaking current. Suitable for steam and aqueous solution environments



Order ID	Insulator	Connection Type size*	Typical Packing Gland HEX Size	Upper Design Pressure+ PSI (atm)	Sealability Helium Leakage+ cc/sec	Upper Temperature++ °F (°C)
<b>PtE-(a)-c-b-T-NPT250</b>	PTFE	1/4" NPT	3/4	2000(136)	<2x10 <sup>-8</sup>	580(305)
<b>PtE-(a)-c-b-T-NPT375</b>	PTFE	3/8" NPT	13/16	2000(136)	<2x10 <sup>-8</sup>	580(305)
<b>PtE-(a)-c-b-T-Tube375</b>	PTFE	3/8" Tube	5/8	2000(136)	<2x10 <sup>-8</sup>	580(305)
<b>PtE-(a)-c-b-T-Tube500</b>	PTFE	1/2" Tube	13/16	2000(136)	<2x10 <sup>-8</sup>	580(305)
<b>PtE-(a)-c-b-Z-NPT250</b>	ZrO <sub>2</sub>	1/4" NPT	3/4	12000(815)	<2x10 <sup>-8</sup>	1020(550)
<b>PtE-(a)-c-b-Z-NPT375</b>	ZrO <sub>2</sub>	3/8" NPT	13/16	12000(815)	<2x10 <sup>-8</sup>	1020(550)
<b>PtE-(a)-c-b-Z-Tube375</b>	ZrO <sub>2</sub>	3/8" Tube	5/8	12000(815)	<2x10 <sup>-8</sup>	1020(550)
<b>PtE-(a)-c-b-Z-Tube500</b>	ZrO <sub>2</sub>	1/2" Tube	13/16	12000(815)	<2x10 <sup>-8</sup>	1020(550)
<b>PtE-(a)-c-b-A-NPT250</b>	Al <sub>2</sub> O <sub>3</sub>	1/4" NPT	3/4	12000(815)	<2x10 <sup>-8</sup>	1020(550)
<b>PtE-(a)-c-b-A-NPT375</b>	Al <sub>2</sub> O <sub>3</sub>	3/8" NPT	13/16	12000(815)	<2x10 <sup>-8</sup>	1020(550)
<b>PtE-(a)-c-b-A-Tube375</b>	Al <sub>2</sub> O <sub>3</sub>	3/8" Tube	5/8	12000(815)	<2x10 <sup>-8</sup>	1020(550)
<b>PtE-(a)-c-b-A-Tube500</b>	Al <sub>2</sub> O <sub>3</sub>	1/2" Tube	13/16	12000(815)	<2x10 <sup>-8</sup>	1020(550)

\* Standard tube connectors are Swagelok® and Thread connectors are NPT. Other types are available.

+ Determined at room temperature with factory assembled NPT type glands.

++ Upper temperatures for probe seals are 446°F (230°C) for PTFE and 650°F (343°C) for Queon™.

### Ordering Codes:

**a- No. of electrode**  
 1, one electrode  
 2, two electrodes  
 3, three electrodes

**c-Electrode dimension**  
 1x10, 1 mm dia and 10 mm length  
 1x10, 2 mm dia and 10 mm length

**b- Probe length**  
 in inch or mm

### Example:

**PtE-(2)-1x10mm-15"-A-Tube375:** Two electrodes, 1 mm dia by 10 mm length, 15" probe length, alumina insulator, 3/8" tube connection

™ Queon--Trademark of Corr Instruments

® Swagelok--Registered trademark of Swagelok Company Co.

# PTFE--Polytetrafluoroethylene