

This document is provided so that labs can decipher the probe name assigned to each probe. Because there are many customizable options, not all specifications are covered by this guide. Please contact us at info@support if you need additional help identifying the details of your probe.

Generic Example:

PLX-UP-16-15SE(150)-(185-100)(640-30)-500-(2)CON/8o50

Tip Profile-Number of Channels-electrode diameterElectrode configuration(inter-electrode spacing)-(probe diameter-total probe length including reinforcement tube length)(reinforcement tube diameter-reinforcement tube length)-distance from tip to 1st electrode site-(Number of Connectors)type of connector

Options for Electrode configuration

SE-single

ST-stereotrode

TT-tetrode

Custom Specifications

1. Naming with stereotrode or tetrode:

PLX-UP-16-15TT(50/100)-(185-120)(460-10)-320-(1)CON/16o25

Options for Electrode configuration

SE-single

ST-stereotrode

TT-tetrode

50 within electrode spacing (intra electrode)

100 between trodes (inter electrode)

2. NonStandard Tip angle:

PLX-UP-16-15SE(150)-(185-100)(640-30)-NT-500-(2)CON/8o50

Using the probe diameters and the distance to first site on the data sheet will result in probes that have a constant standard angle. A probe name that as "NT" indicates a non standard tip angle.

3. Fiber Optics and Fluid Channels:

PLX-UP-16-15SE(150)-(360-100)(30)-700-FC12/13-(1)CON/16o25m-18P

A probe that has fiber optics will have "FO" in the probe name. The location of the fiber optic will follow this designation. A probe that has a fluid channel will have "FC" in the probe name. The location of the fluid channel will follow this designation.

4. Angled Connector:

PLX-KUP-16-15SE(150)-(185-100)(640-30)-30-500-(K20-20)-(2)CON/8o50

Probes can have a kink. If the customer requests a kink, this will be indicated by adding a "K" before the tip profile. In addition, the part name will specify the angle of the bend and the placement of the bend. The example above will have a 20 degree bend on the reinforcement tube 20mm from the connector.

5. Dummy Probe:

PLX-DKVP-(260-100)(640-30)-(K20-20)-(1)CON/32m-V

Dummy probes will have a "D" in the name before to the tip profile. If the dummy probe has a connector, the connector name will be listed. If the dummy probe includes a block, the name will state "-block"