

HOW TO SPECIFY YOUR MICROPROBE CONFIGURATION

MicroProbes offers a variety of electrode configurations including metal type, lengths, bipolar, tip profiles as well as a variety of custom designs. This page provides a few of the electrode styles and options we offer.

WE3003X.XA5

METAL TYPE:

WE-Tungsten
SS-Elgiloy (Stainless Steel)
PI-Platinum/Iridium
IR-Pure Iridium

LENGTH:

2-2"
3-3"
5-5"
Other lengths available on request

ELECTRODE STYLE:

00-Parylene-C insulated metal shaft
PT-Polyimide tubing added for increased insulation/stiffness
ST-Stereotrode/bipolar

INSULATION THICKNESS:

1-1 micron Parylene-C
3-3 micron Parylene-C

TIP IMPEDANCE IN MEGOHMS:

Specify the electrode tip impedance in megohms from 0.01 to 9.9.
Impedance measured at 1 KHz.

TIP PROFILE:

A-General Use
B-Blunted
H-Heat Treated (tapered)
F-Extra Fine

ELECTRODE SHAFT DIAMETER:

3-0.003" (75 microns)
4-0.004" (100 microns-IR only)
5-0.005" (125 microns)
10-0.01" (250 microns, except PI & SS=225 microns)