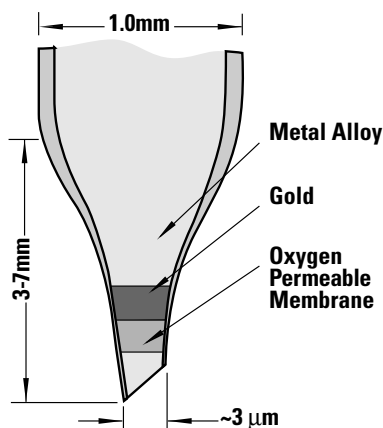


# POLAROGRAPHIC OXYGEN ELECTRODES



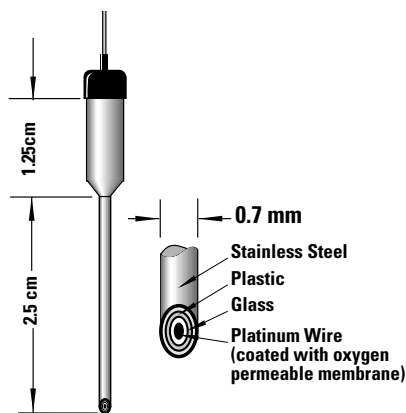
## POLAROGRAPHIC OXYGEN ELECTRODES

PRODUCT NO. 723

Oxygen Microelectrode - For intracellular or vascular  $PO_2$  measurements. Tip diameter 2-3 microns makes this the world's smallest commercially available oxygen electrode. Designed for intracellular or vascular measurements, this glass microelectrode features a recessed gold cathode which produces accurate measurements even in moving solutions. A special oxygen-permeable membrane insures a stable response under all normal experimental conditions. The beveled tip minimizes the possibility of tip breakage or cellular damage upon insertion. This oxygen microelectrode produces consistent and reliable measurements in cells, tissue, or blood.

Use with:

- 1150 Electrode Cable
- 1154 Reference Cable
- 1108 Microelectrode Holder
- MM33 Miniature Micromanipulator
- 334 Reference Electrode



## DURABLE NEEDLE $PO_2$ ELECTRODE

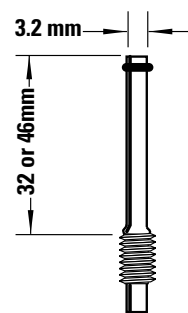
PRODUCT NO. 760

PRODUCT NO. 761

Durable Needle  $PO_2$  Electrode - For  $PO_2$  measurements in tissue. The glass-insulated platinum sensor is mounted in a 22-gauge stainless steel tubing 25.4mm long and 0.7mm in diameter. This durable construction allows the electrode to be inserted easily into tissue without breakage. Light polishing of the tip reconditions the cathode, allowing the electrode to be used over a period of years. The sensor's shielded cable is 91cm long, with a BNC connector that interfaces directly with Diamond General's Chemical MicroSensor. The Model 760 Needle Electrode is available with either a 45 degree beveled tip or a 90 degree flush tip (model 761) Please specify.

Use with:

- 1150 Electrode Cable
- 334 Reference Electrode



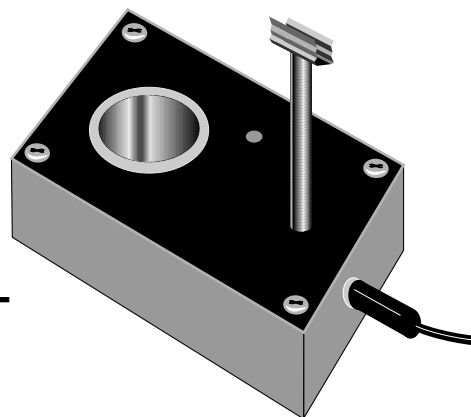
## DURABLE ELECTRODES FOR DISSOLVED $PO_2$

PRODUCT NO. 730

Durable Electrodes for Dissolved  $PO_2$ . Traditional Clark-Style design has advantages over commonly available Clark-style oxygen electrodes due to their small size and lower oxygen consumption, making them ideal when small sample volumes are used. They are highly stable, resistant to contamination, and operate in aqueous liquids. They are the ideal choice whenever the smaller size of a glass micro- or needle electrode is not required. Diameter is 3.2mm and length is 32mm. Includes cable.

Use with:

- 3004 Chloridizer/Maintenance Kit
- 3005 Accessory Kit
- 1275 Oxygen Uptake Chamber System



## REFERENCE ELECTRODE

PRODUCT NO. 334

Ag/AgCl Reference Electrode

## ACCESSORIES FOR CLARK ELECTRODE

### Chloridizer/Maintenance Kit

PRODUCT NO. 3004

Provides a means of conveniently and easily rechloridizing Clark Electrode. Kit contains one chloridizing unit, 25 polyethylene membranes, 600-grit wet/dry paper and abrasive pad for resurfacing electrode tip.

For use with the 730 Clark Style Electrode

### Accessory Kit

PRODUCT NO. 3005

Contains one installation tool, 15 "O"-Rings, and 50 polyethylene membranes.