Electrodes Typesm Notesale.co.uk · Microelec Poles Page 1 of 30 · Metal W

- Metal Micro electrodes
- Non metallic or Micropipette
- Surface Electrodes or Body surface Electrodes or skin surface Electrodes
 - Immersion Electrodes
 - Plate Electrode or Metal Plate Electrodes
 - Suction cup Electrodes
 - Floating Electrodes
 - Spray on Electrodes
 - Disposable Electrodes
 - Special Electrodes Ear-clip Electrode, EEG scalp surface Electrode
- Needle Electrode

Non metallic or Miorapipette Electrode. from 6 of 30 The miorapiette treage microelectrode is a glass

- micropipette with its tip drawn out to the desired size.
- ·It consists of glass micropipette of diameter 1 micrometer.
- ·The micropipette is filled with an electrolyte which should be compatible with the cellular fluids.
- ·Stem of Micropipet has a thin flexible wire made out of chloride silver, stainless steel or tungsten.
- ·One end of the Micropipet attaches to the rigid support and other free end rests on the cell.
- ·A micropipette is a small and extremely fine pointed pipette used in making microinjections.

Types of surface electrodesotesale.co.uk

- The types of the face absorbes are as follows
 - Immersion Electrodes
 - ·Plate Electrode or Metal Plate Electrodes
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- Plate or Metal plate Electrodes

 These electrodes were ceparated from subject's skin by cotton pads socked in a strong saline solution.

 The plate electrodes have generally and they do not
 - and they do not totally seal on the patient.
 - •The electrode slippage and displacement of plates were the major difficulties faced by these type of electrodes because they have a tendency to lose their adhesive ability as a result of contact with fluids on or near the patient.
 - •Since these types of electrodes were very sensitive, it led to measurement errors.

Floating electrobles of 30 Motion Preview occurs due to the motion at the interface

- between electrode and electrolyte.
- •These types of electrodes can eliminate the movement errors (called artifacts) which is a main problem with plate electrodes.
- ·This is done by avoiding any direct contact of the metal with the skin.
- •Here the conductive path between the metal and the skin is the electrolyte paste or jelly.
- •The advantage of this type is the mechanical stability.