



## **Semi Micro Combination pH Electrode With Calomel Reference- E8099**

A glass bodied semi-micro pH combination electrode with a 4.5mm diameter tip for the lower 9cm section.

The EDT 8099 is ideal for the measurement of small samples in small containers or tubes. The upper part of the electrode is a standard 12mm diameter and fits all standard cell holders and clamps.

The E8099 does not require a separate reference electrode and is compatible with all EDT pH meters and most modern alternatives with a BNC socket.

Many semi –micro pH electrodes have a 3.5 or 3.7mm diameter making them very fragile and impractical for use in a busy laboratory. The EDT 8099 has a toughened glass tip and a ceramic reference junction which ensures excellent stability a fast response time. The electrode is refillable with Saturated KCL filling solution.

The E8099 pH combination electrode comes complete with a 1 metre fixed cable and a BNC connector. For some standard applications it may be best to use the E8080 rugged polymer pH combination electrode or the E8081 standard Glass electrode unless the samples are too small to accommodate those electrodes.

Suitable for TRIS Buffers. Calibration is normally performed using two pH buffer solutions and a temperature probe for Automatic temperature compensation (ATC).

## SPECIFICATION TABLE

Body Type	Glass
Cable length	1000mm
Cap Diameter	16mm
Connector	BNC
Diameter	12mm from the cap down to 4.5mm at the tip.
Junction Type	Ceramic
length	180mm
Reference Type	Calomel Reference refillable with saturated KCl

For more information on this product visit [www.edt.co.uk/E8099](http://www.edt.co.uk/E8099)

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QP451 Portable pH Meter



Saturated KCl  
Filling Solution



Buffer Solution pH 7  
(Yellow) 500ml

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