

Glass Conductivity Cell K=1



The E8071 Glass Conductivity Cell is for general purpose dip applications and is ideal for general laboratory measurements over the range of 1 $\mu\text{S}/\text{cm}$ to 200 mS/cm . Typical applications could range from checking the quality of source water to the quality control of Brine preparations.

The 12mm glass body has two internal active platinum electrodes 1cm apart which have to be submerged in the samples to a minimum depth of around 2cm.

The E8071 Conductivity cell is suitable for use with the complete range of EDT conductivity meters and contains a temperature sensor to enable all readings to be temperature compensated (ATC). Calibration solutions are available and the recommendation for general purpose cells (K=1) is to calibrate using a 1413 $\mu\text{S}/\text{cm}$ standard such as EDT A3052 and A3053.

Temperature reading and compensation range is 0-50 degrees centigrade. For accurate analysis below 5 $\mu\text{S}/\text{cm}$ use a K=0.1 cell (E8072). For process measurements or where the use of glass is not acceptable EDT manufacture a complete range of Conductivity cells to suit most applications.

The E8071 Conductivity cell has a fixed 1 metre cable with a DIN connector to fit EDT meters.

We also manufacture conductivity cells compatible with most models and make of instrument. Contact us so we can advise the part number and price.

Specifications

Body Type	Glass
Cable Length	1M
Cap Diameter	16mm
Conductivity Cell Range	100 μ S-100mS
Cell Type	Platinum Plates
Connector	DIN
Diameter	12mm
Length	155mm

Related Products



1413 μ S/cm
Conductivity Standard



K=1 Glass Conductivity
Cell (Mini DIN)



1413 μ S/cm Standard
(500ml)

www.edt.co.uk/e8071

