

PRO6155 • Conductivity Electrode $k = 1, 2 - 3000 \mu\text{S}/\text{cm}$

Cell constant $k = 1 \cdot 2 - 3000 \mu\text{S}/\text{cm}$ • no temperature sensor • 5-pin aviation

K = 1

2 - 3000 MS/CM

NO ATC

0-80 °C

Φ12×120 MM

5-PIN AVIATION



PRO6155 is a glass conductivity cell with constant $k = 1$ for the lower range — tap and drinking water, rain and surface water. It has no temperature sensor, so temperature is taken with a separate probe or thermometer.

How it is built



CELL CONSTANT
 $k = 1 \text{ cm}^{-1}$

For general water and wastewater samples.



CELL MATERIAL
Glass

Lead-free glass, easy to clean, suitable for organic solutions. Breakable.



TEMPERATURE SENSOR
None

Measure temperature with a separate probe or thermometer.



CONNECTOR
5-pin aviation

Fits conductivity meters with a 5-pin aviation input.

CELL CONSTANT
 $k = 1 \text{ cm}^{-1}$

RANGE
2 - 3000 $\mu\text{S}/\text{cm}$

TEMPERATURE
Separate probe

BEST FOR
Drinking and surface water

Why choose it

Matched to the range: cell constant $k = 1$ covers 2 - 3000 $\mu\text{S}/\text{cm}$.

Simple and robust: no temperature sensor in the cell; temperature is read with a separate probe or thermometer.

PRO6155 • Conductivity Electrode $k = 1, 2 - 3000 \mu\text{S}/\text{cm}$

PRO6155 PRODUCT PAGE

ELECTROCHEMISTRY — OVERVIEW

ELECTRODE CATALOGUE

REQUEST QUOTE

Technical parameters

Parameter	Specification
Model / order code	PRO6155
Electrode type	Conductivity electrode
Cell constant	$k = 1 \text{ cm}^{-1}$
Conductivity range	2 – 3000 µS/cm
Temperature measurement	None
Working temperature	0 – 80 °C
Sensor material	Glass
Flow cell	None
Dimensions	Φ12 × 120 mm
Connector	5-pin aviation

Calibration: calibrate with a conductivity standard close to the expected sample value.



5-pin aviation connector. Plugs into conductivity meters with a 5-pin aviation input.

Recommended samples

Sample	Conductivity
Tap and drinking water, rain, surface water, organic solutions, hydrogen peroxide systems	2 µS/cm – 3000 µS/cm

How to choose the cell constant

Sample	Range	Cell
Ultrapure water	0.055 – 2 µS/cm	$k = 0.01$
Pure, ion-exchange water	1 – 200 µS/cm	$k = 0.1$
Drinking, surface, rain water	2 – 3000 µS/cm	$k = 1$
Wastewater, seawater, juice	20 µS/cm – 200 mS/cm	$k = 1 / k = 10$

Ordering data

Order code: PRO6155

Connector: 5-pin aviation — check the meter input before ordering.

Accessories: conductivity standard solutions.

SUPPLIER AND SUPPORT

COLO Lab Experts
Polje ob Sotli 4, SI-3255, Slovenia

QUICK CONTACT



COLO.SCIENCE • ELECTRODE SELECTION SUPPORT

Not sure which cell constant your samples need?

Send us the meter model, sample type and expected conductivity — we will confirm the electrode or propose a better match from the catalogue.

Technical values are given for product selection. The configuration confirmed in the COLO.Science quotation is binding for delivery.

[PRO6155 PRODUCT PAGE](#)
[ELECTROCHEMISTRY — OVERVIEW](#)
[ELECTRODE CATALOGUE](#)
[REQUEST QUOTE](#)