



SILVION LIMITED
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TYPE WE35-VE Ag/AgCl 3.5M KCl VERIFICATION REFERENCE ELECTRODE



The silver/silver chloride (Ag/AgCl) elements in all Silvion electrodes are manufactured using a “unique” and advanced technique that results in a porous silver matrix. The matrix is then coated with precise quantities of silver/chloride to ensure:

- 1). HIGH RELIABILITY;
- 2). HIGH STABILITY;
- 3). GREATER ACCURACY;
- 4). INCREASED LIFE PERFORMANCE.

NOTE:

The WE35-VE verification electrode has been designed for use on-site or in-house when a Saturated Calomel Electrode (SCE) is not permitted or is unavailable. It is suitable for testing Ag/AgCl or other electrode types to verify their potential and calibration, and comes fitted with 1.5M long cable tail and 4mm banana plug.

SILVION REFERENCE ELECTRODES

>30 Years Service to the Corrosion Prevention Industry

Registered Office: Windsor House, A1 Business Park at Long Bennington, Nottinghamshire NG23 5JR

Registered in England No: 6860239 VAT No: 975 9426 61 EORI No: GB969052587000



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OUTER CASING

MATERIAL..... Acetal body with porous ceramic
sintered disc and nylon cable gland
DIMENSIONS..... Length: 150mm (172mm w/ gland);
Diameter: Upper: 20mm; Lower: 15mm
CERAMIC DISC DIAMETER..... 10mm
WEIGHT (W/O CABLE)..... TBC

SILVER CHLORIDE ELEMENT

MATERIALS..... Silver compounds are 99.90% pure
DIMENSIONS..... Length: 15mm (+/- 2mm);
Section: 6mm
SURFACE AREA..... Geometric: 3cm²;
Real: 100cm²

ELECTROLYTE..... Inert electrolyte with 3.5 Molar KCl

PERFORMANCE DATA

ACCURACY Vs SHE..... -205mV +/-5mV
TEMP COEFFICIENT..... -0.65V/°C
TEMP RANGE..... 0 to 50°C

QA/QC

All our electrodes are fully tested, calibrated and supplied complete with a calibration certificate. They are individually identified with a unique number to ensure full traceability. All dimensions +/-1mm unless otherwise stated.

The information provided in this document was accurate at the time it was published, however, we reserve the right to revise this document without prior warning.

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