



## INSTALLATION INSTRUCTIONS



IVD

EC

REP

CE Partner4U, Esdoomlaan 13,  
3951DB Maam, The Netherlands

Cartridge, Sodium Electrode PN: 7224011 HI

**Type:** Liquid/liquid junction - Neutral carrier (*bis-crown complex*) in a PVC matrix.

**Use:** This electrode is for *in vitro* diagnostics use only. Used for the quantitative determination of sodium on Hitachi 700 series, 900 series, and Modular Analytics chemistry analyzers.

**Precautions:** This electrode has been tested for control recoveries using Beckman Decision, BioRad Lypocheck serum/urine, Roche Precinorm/Precipath, N.I.S.T. SRM 909b and Hi Chem Align linearity standards/controls. *Some control shifts should be expected!* PVI recommends that an independent correlation study be performed to confirm the appropriate operational parameters for your laboratory before utilizing this product in compliance with good laboratory practices. Our studies indicate that in the cases studied recovered values were equivalent to recoveries generated by an OEM potassium ISE. See note 1 for further information. **DO NOT** run this electrode without quad ring seal installed or replace quad ring with O Ring - leakage will occur!

**Initial Installation:** This electrode has been prepared for installation at the factory. Remove the black rubber plugs and install per instrument manufacturer's instructions (these will vary slightly depending on instrument model).

**Maintenance:** Follow OEM recommended procedure(s) in instrument operators manual. Procedure will vary depending on the specific analyzer model.

### References and Interferences:

Note 1 - A comparison of Hitachi and Performax Brand Ion-selective Electrode Response; D. Nagahara, D. Otten; *Internal White Paper*; Peripheral Visions, Inc.

For interferences see DATASHEET - Cartridge Potassium Electrode date of issue - 04122005; Peripheral Visions, inc.

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(IN U.S. TOLL FREE) 800.728.4146.**