

## **Portavo-907-908**

### **ChangeLog Firmware History**

**Knick Elektronische Messgeräte GmbH & Co. KG**

**[www.knick.de](http://www.knick.de)**

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### **1 Versions-History**

#### **1.1 Version 1.5.0**

**Support of conductive conductivity Memosens sensors**

#### **1.2 Version 1.7.1**

**Calibration record extended for 3-point pH calibration**

#### **1.3 Version 1.8.0**

**New: MemoView support**

**Change: removed operating language Russian**

#### **1.4 Version 1.9.0**

**New: Multichannel mode option**

**New: Data logger in multi-channel mode**

**New: Air pressure display for oxygen sensors**

**New: Oxygen sensors: Display of the number of membrane body changes**

**1.5 Version 1.9.1**

**New:** Korean menu language (separate firmware version with Korean and English language; not included in standard delivery).

**1.6 Version 1.10.0****Bugfix: Temperature unit (°F)**

Temperature values in °F were displayed with °C when operating oxygen sensors.

**Bugfix: Calibration date for redox calibrations in Memosens pH/Redox sensor****New: Oxygen measurement in gases****Change: Extension user administration of the data logger**

**New:** Message "Time and date incorrect", if device date is older than the calibration date in the Memosens sensor.

**Change: Calculation of resistivity with temperature-compensated conductivity****Change: Limit of the measurand TDS extended to 0...5000 mg/l****Change: Temperature range of calibrations has been extended**

**New:** Calibration timer monitoring, where the measured value display is replaced by dashes after the calibration timer expires.

**New: Data logger for oxygen measurement in gases****Change: The temperatures of the buffers are displayed in the calibration record printout****1.7 Version 1.10.1**

**Bugfix:** In multi-channel mode order number and serial number of oxygen sensors were missing in data logger

**Bugfix:** In multi-channel mode wrong Sensofaces were shown in data logger

**Bugfix:** Missing entries for data logger function "hold value" for oxygen sensors

**Bugfix: Display of two measured values only possible in default values**

In multi-channel mode, under certain conditions in the dual measurement display, the displayed unit for oxygen sensors was always reset to its default value.

**Bugfix: Initialization of data logger configuration**