



**HEFER SYSTEMS & CONTROLS LTD.**

- WATER & WASTE WATER TECHNOLOGIES
- PROCESS ANALYTICAL EQUIPMENT

## HRI-12-G-G-030-B ORP ELECTRODE



The **HRI** electrode is an industrial ORP electrode designed to measure ORP levels in water and waste.

The unique design of the electrode enables measuring in hard environmental solutions, eliminating the interferences of heavy metals in the sample. The electrode is using a double junction reference and a 3 M KCL solution combined with Silica to ensure a positive high pressure between both junctions. The wet junction is made of a ceramic ring that ensures a big wet surface with a large area of measurement.

The gold disc used for the measurement eliminates heavy metals interferences.

### Technical specifications:

**Manufacturer :** HEFER Israel Ltd

**Model :** HRI-12-G-G-030-B

**Range :** +/- 1500 MV

**Body material :** glass

**Temp. :** 0-80 deg. C

**Pressure :** 0-10 bar

**Meas. Element :** Gold disc

**Reference electrode:** Ag/CL

**Junction type :** double

**Junction material:** Ceramic ring

**KCL :** 3M mixed with silica

**Cable length :** 10 m (other upon request)

**Connector type:** BNC, gold pin (other upon request)

**HRI ELECTRODE**