HAFFMANS KEG 2.0
KEG MONITOR

GENERAL PRODUCT INFORMATION

The evaluation of the keg cleaning installation in breweries and soft drink production plants is an important aspect for quality assurance before filling. There is a significant risk that kegs might be contaminated by micro-organisms and foreign substances. Furthermore, the risk of superheated steam during the cleaning process causes energy losses. Therefore, an independent measurement to control the keg cleaning installation is needed.

The Keg Monitor, type KEG 2.0, consists of a specially prepared keg with a handy and dock station. It monitors the keg washing process and measures the temperature of the incoming product, the temperature of the product leaving the keg, the temperature of the keg wall, and the pressure inside the keg.

The keg travels among the other kegs through the keg washer and monitors its performance. After the process is finished, the handy is put onto the keg and the data is wirelessly transferred. Subsequently, the handy is placed on the dock and the stored data can be uploaded via Bluetooth to a PC. The software processes the measured values and further checks whether the steam was superheated, which reduces the sterilization effect. All results are displayed in a tabular and graphical format, which can be printed and/or stored.

CUSTOMER BENEFITS
- **Perfect process control**
  - **Independent medium to control the condition of the keg cleaning installation**
  - **New improved software for faster and better process insights**
- **Cost saving**
  - **Optimizing energy consumption; the existence of superheated steam can be eliminated**
- **Always available**
  - **Wireless charging in less than 10 minutes generates over 18 hours of operating time**
- **Low maintenance**
  - **Easy calibration**
- **Easy handling**
  - **Wireless data transfer with Bluetooth**
- **System can be customized to your desired keg**
  - **Different keg sizes available**

APPLICATIONS
- **Keg washer/keg filling line**

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TECHNICAL DATA

Measuring range

Temperature	0 – 150 °C
Pressure	–0.5 – 6.0 barg

Measuring units

Temperature	°C or °F
Pressure	bar or psi

Accuracy

Temperature	± 0.1 ºC
Pressure	± 0.01 bar

Recording interval

1 sec.

Storage capacity

Keg Logger	160 min
Handy	4 GB data

Keg

Returnable keg from 20 liter upwards

Handy

Dimensions	210 x 100 x 32 (LxWxH mm)
Weight	0.40 kg

Dock

Power supply	100 – 240 Vac, 50/60 Hz
Dimensions	190 x 90 x 85 (LxWxH mm)
Weight	0.15 kg

SCOPE OF SUPPLY

- Standard Keg* with Data logger, 3 temperature probes and 1 pressure sensor
- Handy
- Dock
- Software set (CD) + Bluetooth key
- Instruction manual

* When ordering, please supply your standard keg to Pentair Haffmans

OPTIONS

- Certificate of measurement
- Up to 2 Site glasses DN80
- Keg supplied by Pentair Haffmans (30/50 liter DIN/EURO Stainless Steel)

RETROFIT

- For existing systems an upgrade is available

Handy

Option: Site glass

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