

# Keg Monitor



## Keg Monitor

### General product information

The evaluation of the cleaning of kegs in breweries and soft drink production plants is an important aspect of quality assurance before filling. There is a significant risk that kegs might be contaminated by foreign substances. Keg washing is therefore an essential process in the packaging line.

The Keg Monitor, type KEG, consists of a specially prepared keg with standard dimensions on which a data logger and sensors are mounted, a handy and a 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 in relation to time. Furthermore, the data logger registers the position of the keg in the cleaning process.

The KEG travels among all other kegs through the keg washer and evaluates its performance. After the process is finished, the handy is put onto the keg and the data is transferred wirelessly. Subsequently, the handy is placed on the dock and the stored data can be directly printed or passed on to a PC. The software processes the measured value 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.



**KEG**

# Keg Monitor



## Benefits

- Perfect Process Control
- Cost saving
  - information about condition of keg washer
  - optimization of energy consumption

## Applications

- Keg washer/Keg filling line

## 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 °C  
Pressure: ± 0.01 bar

Recording interval: 1 s (adjustable to 2 s)  
Storage capacity: up to 4 recording runs / max. 33 min per run

Container: Returnable keg from 5 liter upwards

### Handy

Dimensions: 211 x 100 x 26 (LxWxHin mm)  
Weight: 0.4 kg

### Dock

Voltage: 200 - 250 V, 50/60 Hz (on request 100 - 125 V)  
Interface: RS-232, Centronics  
Dimensions: 200 x 100 x 115 (LxWxH in mm)  
Weight: 0.5 kg

## Scope of Supply

- Standard Keg\* with Data logger, 3 temperature probes and 1 pressure sensor
- Handy
- Dock with charger (Euro or US plug)
- Service set
- Software set (CD + Interface)
- Instruction Manual

\* At ordering, please supply a standard keg to Haffmans BV.

## Options

- Certificate of Measurement
- Printer

**Haffmans BV reserves the right to make changes in the technical specifications at any time.**



### Haffmans BV

P.O. Box 3150 NL-5902 RD Venlo • The Netherlands

T +31 77 323 23 00 • F +31 77 323 23 23

E info@haffmans.nl • I www.haffmans.nl

Please visit our website to obtain information about your local support.