

# HAFFMANS NIBEM-TPH FOAM STABILITY TESTER

## GENERAL PRODUCT INFORMATION

The quality and behavior of beer foam is a major determining factor in the appearance of an excellent beer. Beer served with a strong and lasting head of foam is highly appreciated in most cultures.

The NIBEM Foam Stability Tester, type NIBEM-TPH, measures the foam collapse time over a distance of 30mm. Equipped with product identification and memory, the NIBEM Foam Stability Tester allows for the traceability of measuring data and up to eight different product types can be programmed into the tester.

After filling the glass with highly reproducible foam created with the Haffmans Inpack Sampling Device combined with the Inpack Flasher Head, the glass is placed in the instrument where the foam collapse time will be automatically measured. Subsequently, the results are displayed and transferred to a PC.

The NIBEM Foam Stability Tester, type NIBEM-TPH, measures the foam temperature and the atmospheric pressure and humidity, allowing for temperature, pressure and humidity compensation of the NIBEM values.

### **What does NIBEM stand for?**

*NIBEM is an abbreviation for the Netherlands Institute for Brewery En (the Dutch for and) Maltery. The NIBEM Institute has set the standards for the measurement of foam stability.*



## CUSTOMER BENEFITS

- **Objective-based results**
- **Measurement based on The NIBEM Institute standards**
- **Cost saving:**
  - Automated measurement – less labor intensive
  - No maintenance required

## APPLICATION

- Laboratory equipment in breweries

# HAFFMANS NIBEM-TPH FOAM STABILITY TESTER

## TECHNICAL DATA

### Measuring range

|                      |               |
|----------------------|---------------|
| NIBEM value          | 5 - 999 sec.  |
| Temperature          | 10 - 40.0 °C  |
| Atmospheric pressure | 700-1100 mbar |
| Humidity             | 10-90 % RH    |

### Accuracy

|                      |                    |
|----------------------|--------------------|
| NIBEM value          | 1 sec.             |
| Temperature          | better than 0.5 °C |
| Atmospheric pressure | ± 2.5 mbar         |
| Humidity             | ± 2 % RH           |

### Memory capacity

Up to 400 measurements

### Interfaces

2 x USB A; 1 x USB B; 1 x LAN Ethernet

### Voltage

100-240 V AC/50-60 Hz

### Dimensions

235 x 240 x 430 (L x W x H mm)

### Weight

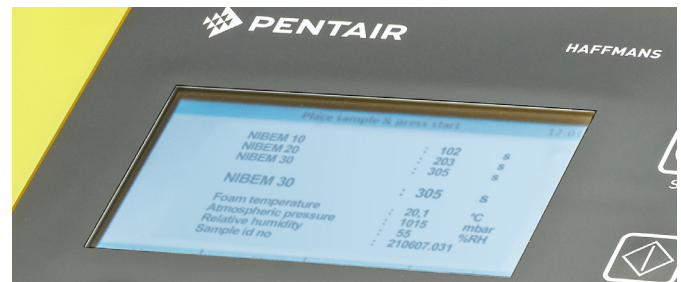
Ca. 9 kg

## SCOPE OF SUPPLY

- NIBEM Foam Stability Tester, type NIBEM-TPH
- Power supply module
- Mains cable (Euro, US, UK or AUS plug)
- PC software set
- Glass for foam determination
- Instruction manual

## OPTIONS

- Certificate of measurement
- WLAN dongle
- Bar code reader
- Inpack Sampling Device
- Sample Bottle Filler
- Inpack Flasher Head



### HAFFMANS B.V.

P.O. BOX 3150, 5902 RD VENLO, NETHERLANDS FOODANDBEVERAGE.PENTAIR.COM

All indicated Pentair trademarks and logos are property of Pentair. Third party registered and unregistered trademarks and logos are the property of their respective owners. Because we are continuously improving our products and services, Pentair reserves the right to change specifications without prior notice. Pentair is an equal opportunity employer.