HAFFMANS NIBEM
NIBEM FOAM STABILITY TESTER

PRODUCT LEAFLET

GENERAL PRODUCT INFORMATION

The quality of beer foam is a determining factor in the appearance of a good beer and the appearance of a beer depends mainly on the behavior of the foam. Beer served with a strong and lasting head of foam is highly appreciated in most cultures.

The Nibem Institute has set standards for the measurement of the foam stability. The Nibem Foam Stability Tester measures the foam collapse time over a distance of 30 mm. Equipped with product identification and memory, the Nibem Foam Stability Tester allows for the traceability of measuring data and up to nine different product types can be programmed into the tester.

After filling the glass with highly reproducible foam created with the Inpack 2000 Sampling Device in combination with the Inpack 2000 Flasher Head, the glass is placed in the instrument and the foam collapse time is automatically measured. Subsequently, the results are displayed and can also be exported to a PC and/or directly printed. The foam sample can then be used for determining the cling with the Nibem Cling Meter.

Two executions are available:

- Type Nibem-TPH, measures the foam temperature as well as the atmospheric pressure and humidity, allowing for temperature, pressure and humidity compensation of the Nibem values
- Type Nibem-T, measures the foam temperature, allowing for temperature compensation of the Nibem values

BENEFITS

- Objective foam quality management
- Measurement method according to Nibem
- Cost saving
  - automated measurement – less labor intensive
  - no maintenance

APPLICATIONS

- Laboratory

HAFFMANS NIBEM
NIBEM FOAM STABILITY TESTER

PRODUCT LEAFLET

TECHNICAL DATA

NIBEM-TPH

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

NIBEM-T

Measuring range

Nibem value	5 - 999 sec.
Temperature	10 - 40.0 °C

Accuracy

Nibem value	1 sec.
Temperature	better than 0.5 °C

Memory capcity
Up to 400 measurements

Interfaces
RS-232, Centronics, bar code reader

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 or
  - Type Nibem-T
- Mains cable (Euro, US, UK or AUS plug)
- Software set (CD + Interface)
- Standard glass
- Instruction manual

* When ordering, please state which instrument you require.

OPTIONS

- Certificate of measurement
- Bar code reader
- Inpack 2000 Sampling Device
- Sample Bottle Filler
- Inpack 2000 Flasher Head

PENTAIR

TÜV NORD TÜV Nederland QA B.V. ISO 9001

CE

HAFFMANS BV
P.O. BOX 3150 NL-5902 RD VENLO, NETHERLANDS WWW.HAFFMANS.NL

All Pentair trademarks and logos are owned by Pentair, Inc. All other brand or product names are trademarks or registered marks 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.
NIBEM E-4/12 © 2012 Pentair, Inc. All Rights Reserved.