



BRUUSGAARD

Optimal safety. Minimal effort.

Ullage Temperature Interface (UTI)

A part of The Bruusgaard System

All tankers need operational UTI equipment. However, UTI devices are delicate, with tapes and sensors prone to breaking if not used properly. As a result, many shipowners rely on backup instruments and regular shipments to shore for maintenance and calibration. Our UTI solution offers an alternative, saving time and resources.



- Smooth logistics
- Safe operations
- Onboard calibration
- Experienced partner

Our UTI solution is assembled for harsh marine environments. It comes with an easy-to-use service kit and a training module ensuring that your crew can maintain the equipment on board. This **replaces the need for backup instruments** and **reduces costly shipments**.



No need to send equipment to shore



Eliminate the need for unnecessary backups



Proper crew training for longer-lasting equipment



Efficient worldwide logistics network

Bill of Material

- 2 pcs SHT2002 UTI meters
- 1 pc certified thermometer
- 2 pc measuring cup
- 1 pc cleaning kit
- 1 pc instructions and maintenance manual
- 1 pc spare tape
- 1 pc spare sensor



Ambient operating temperature	<ul style="list-style-type: none"> • -20°C (minimum) to 50°C (maximum) (-4°F to 122°F)
Ullage measurement:	<ul style="list-style-type: none"> • Tape 30m ±1.5 mm (100ft ±1/16") • Minimum detectable liquid (bottom of the tank), 4mm • Maximum tank pressure 0.3 bar • Metric or Inches reading
Air / Oil (cargo) / Water Interface:	<ul style="list-style-type: none"> • Audible indication with ±2mm accuracy
Temperature measurement:	<ul style="list-style-type: none"> • -40°C to 70°C ± 0.2°, selectable °C or °F (-40°F to 158°F)
Temperature calibration range:	<ul style="list-style-type: none"> • -40°C to 90°C ± 0.2° (-40°F to 194°F)
Battery:	<ul style="list-style-type: none"> • Use only Duracell MN1604 9V Alkaline Battery
Weight and Dimensions (device only)	<ul style="list-style-type: none"> • Net weight of device: Approximately 5kg • Net dimensions of device: Approximately 625mm x 260mm x 150mm
Weight and Dimensions (device with transport case)	<ul style="list-style-type: none"> • Net weight of device: Approximately 8.5kg • Net dimensions of device: Approximately 700mm x 320mm x 170mm
Selectable interfaces (barrel):	<ul style="list-style-type: none"> • Q1, Q2, B, MB, F50, ANK52 + others.
Approvals	<ul style="list-style-type: none"> • II 1 G Ex ia IIB T4 Ga (-20°C ≤ Ta ≤ 50°C) • Lloyd's Type Approval • MED 1850033 • Russian Maritime Register of Shipping