Wilhelmsen Ships Service

UNITOR by Wilhelmsen

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THE FUEL OIL TEST CABINET

Product group: **663** Product number: **507820**

A wall mounted cabinet of rugged design. The cabinet contain all the core tests for fuel oil and lubricating oil. The equipment is easy to use for the engine room crew.

Unitor Digital Cell provides a refreshed, but familiar, interface with the addition of smart features to enhance the user experience over previous versions of the product. Unitor Digital Cell can continue to function as an offline instrument for single measurements and is able to be operated without smart features until the user chooses to do so.

Unitor Digital Cell can be configured when connected to most personal computers (PC) – Windows and Mac. Sample points and test locations are labelled as Sample Point IDentification (SPID). This creates structure to measurements and ensures no data is accidentally missed. Results are saved to Unitor Digital Cell and can then be imported into a PC. The SPID approach creates an easily retrievable sample point and test history. Setup can include real-time feedback and alarms for optimal monitoring.

Product information

Viscometer

A new design, microprocessor controlled, easy to use, fast and accurate electronic instrument to determine the viscosity of lube oil at ambient temperature but corrected to 40°C, or heated to the standard temperature of 40°C, and for viscosity measurement of Intermediate Fuels heated to 50°C. Estimation of the combustion performance, Calculated Carbon Aromaticity Index (CCAI). Reports directly in cSt, repeat reading in one minute.

Range:

20 - 810 cSt @ 50°C (ISO Fuel Grades RMA 10 RML 55)
20 - 810 cSt @ 40°C (lube oils SAE 5 through SAE 50)

Density Meter

An easy to use, fast instrument to determine the density of a fuel. 850-1010 kg/m3 @ 15°C. Calculates the CCAI.

Compatibility Test

Compatibility and stability determination. Prediction of a fuel's sludging tendencies.

Water in Oil Test

To determine the water content 0-1%, 0-10% or 1-10000 ppm in lube and fuel oil.

TBN Test

For accurate testing of TBN (Total Base Number) in the range of 0-60.

Insolubles Test

Comprehensive Training Manual included

Features

- Viscometer
- Density Meter
- Compatibility Test
- Water in Oil Test
- TBN Test
- Insolubles Test

Benefits

- All equipment is contained in a robust, metal case that is fully lockable for safe and secure sample storage.
- Certified by Germanischer Lloyd, providing everything you need to ensure that your fuel samples are compliant with IMO MARPOL 73/78 Annex VI regulations.
- Replacement consumables and a full range of bunker samples are easily available through our network.

Specification

General

Invent Hazard Material (IMO/EU) classification	D-1

Documents

SDoC and MD for IHM

Related products

Accessories

632406
TBN REAGENT PACK

625756
SALT WATER TEST

625749
INSOLUBLES TEST KIT

773156
UNITOR EASYSHIP REAGENT PACK WATER (50 TESTS)

Spares

632521
HYD900-1.010

632513
HYD 850-950

532414
COMBINED REPLACEMENT CELL

Is frequently bought together with

191700
400 USH SOCKET 1/2" HOSE

510420
LEATHER APRON F/WELDING

632794
TIG GLOVES. 6 PAIRS

632786
WELDERS GLOVES. 6 PAIRS

500102
UWF-102 WIRE FEEDER FOR UWI-500TP

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