



ACE INSTRUMENTATION

# Calibration Instruments

- On-Board Preventative
- Meets SOLAS ISM regulation
- All in one test case



## Marine Calibrators and Test Case

In January 1998, the International Safety Management (ISM) code was adopted by IMO and became mandatory for certain ocean going vessels.

Not later than July 1st 2002 the SOLAS, Chapter IX, and the ISM code applies to all ships, including mobile offshore drilling units.

With our test case the vessel will have the necessary calibrated test equipment according to SOLAS (Safety Of Life At Sea).

We are also able to offer a periodically calibration system which helps the vessel to keep certified test equipment at any time.



50 Kallang Pudding Road, #05-05, Golden Wheel Industrial Building, Singapore 349326  
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Email : info@aceinstrumentation.com Website : www.aceinstrumentation.com





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## ”All-in-one”

- complete Test Case for most purposes -

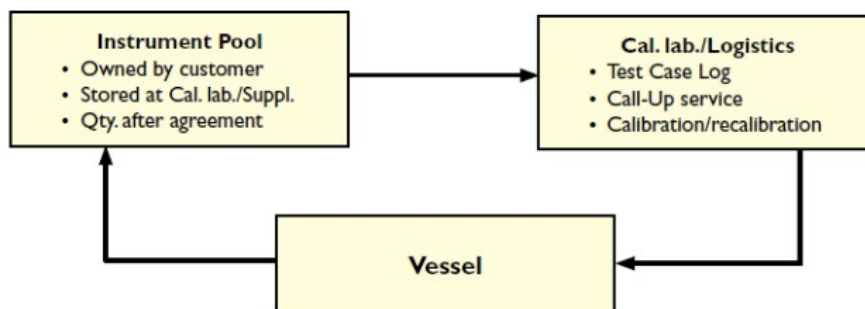
- Main and Auxiliary Engines
- Propulsion
- Main and Auxiliary boilers
- Hydraulic Plant
- Sea water cooling
- Refrigeration Plant
- Fresh Water systems
- Heads and bathrooms
- Ballast and Bilge pumps
- Cargo Holds



### On-board you need all the help that you can get

We now offer a complete family of tools for maintenance of your control instrumentation. A vessel is often like a process plant, you never know what's going to go wrong. Or worse yet, where. When you're not sure what the problem is, our range of test equipment are the best help you can get in troubleshooting and calibration.

### Easy system – helps you to meet SOLAS requirements



Certificate Number: 46016

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## Flexible System

Our standard Test Case meets most sorts of applications on board Mercantile Vessels as well as Naval Vessels and mobile Offshore Drilling Units. However, our flexible system makes it easy to adjust to the specific needs you might have on certain vessels. The Test Case come complete with necessary accessories.

### Products available in our standard Test Case

**Certificates**  
All calibrators and test-instruments are supplied with traceable certificates.

**Multifunction Calibrator**  
The new Fluke 725 Multifunction Calibrator is a versatile, easy-to-use field calibrator. Use the measure and source functions to test and calibrate all electrical signals on board.

**Safety Multimeter**  
This new instrument sets the standard with a combination of precision, features, ease-of-use, safety and reliability.

**Temperature Calibrator**  
Environmental and regulatory requirements are important parts of QA-systems that has to be implemented on-board. Our portable temperature calibrators cover temperatures up to 600°C.

**Pressure Calibrator, digital**  
Compact, rugged and easy to operate pressure calibrators, make it easier for test and maintenance personnel to comply with all necessary requirements. Ranges from vacuum to high pressure.

**Test Instruments**  
A wide range of test instruments can be supplied: IR thermometer, insulation tester, tachometer and AC current clamp are among the most common used.

**4 in 1 Hand Pump**  
This multi-function pressure generator is a remarkable new hand pump for generating vacuum, gas and hydraulic pressure from a few mbar up to 700 bar. It replaces four conventional hand pumps.

**Rugged Case**  
The case has got wheels for easy handling. All Pelicase® products has life time warranty.



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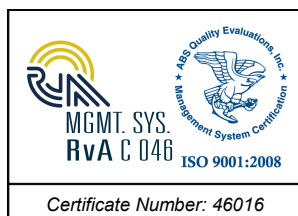
## Technical information

Part number code: 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

<b>Marine kit basic</b>																	
Case including foam	6																
Pressure pump, 60bar, PV411		A															
Pressure pump, 40bar, TP1		B															
Pressure pump PV411, incl. hydraulic reservoir PV411-115		C															
Pressure Calibrator Bit02, specify range and accuracy			B														
Pressure Calibrator PM305, specify range and accuracy			P														
Test hose kit 700 bar				1													
Adapterkit1					1												
Adapterkit2						2											
Adapterkit4A, TP1 til PM305							A										
Adapterkit4B, TP1 til Bit02							B										
Adapterkit4C, PV411 til PM305							C										
Adapterkit4D, PV411 til Bit02							D										
Test connector, SK002								1									
Temperature calibrator, TC60M									L								
Temperature calibrator, TC600M									M								
Supply voltage 110VAC										U							
Supply voltage 230VAC										E							
<b>Additional instruments:</b>																	
<b>Digital multimeters</b>																	
MasTech MY60										1							
Fluke177										2							
<b>Electrical calibrators</b>																	
Loop calibrator, Fluke 705											1						
Loop calibrator, Tek Know 100											2						
Process meter, Fluke 789											3						
Multifunction calibrator, Fluke 725											4						
<b>Others</b>																	
IR thermometer, ST80												R					
Insulation tester, HI3452-13													H				
Tachometer, TM4010														L			
AC current clamp, HI3282															H		
Temperatur probe AU006 (T/C)																T	
Temperatur probe AUREF (Pt100)																	P

"0" (zero) in one of the 18 character chart number code equals no item delivered

Note: Due to continuous product improvements, published specifications may change without notice.



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