Fuel system maintenance

Fuel Pump Tester

OBEL-P®

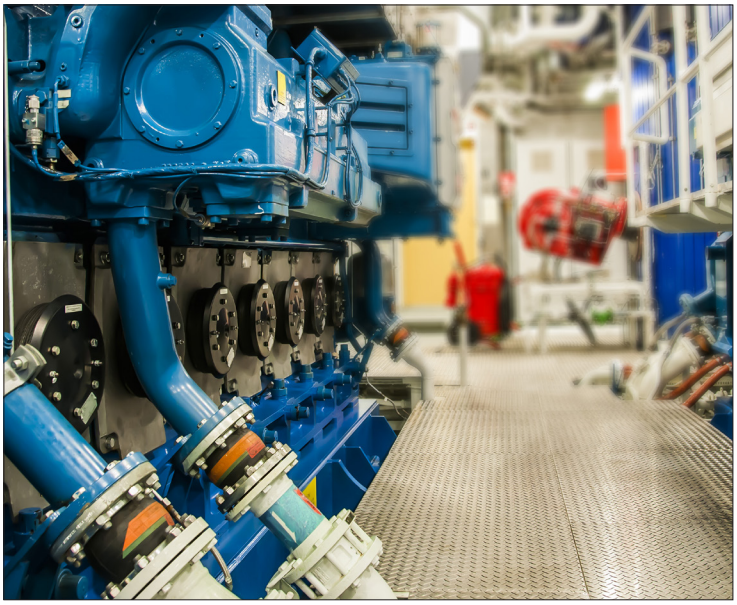
FPT

Fuel Pump Tester, developed in cooperation with MAN Energy Solutions to measure and determine wear condition of fuel pumps on 4-stroke engines and compare with existing performance data.
The computerized test unit is operated from the included PC with an application specifically made to process the data required for testing.









Application area

- 4-stroke engines

Key benefits

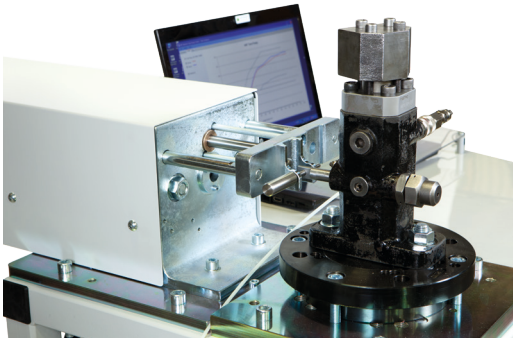
- Pneumatic test method with easy set-up
- Accurate and well documented determination of pump condition
- Automated test sequence for each pump type
- No disassembly necessary before testing
- No cleaning necessary after testing
- Data reports generated automatically, available in MS Excel format for further processing
- Pump manufacturer independent
- Adapters can be made for most 4-stroke engine fuel-pumps
- Possible to add data for new pump types as need arises

Sustainable engine operation

Regular testing of fuel pumps is extremely important. It saves time and money and reduces engine downtime while saving resources. Proper engine care prolongs engine lifetime and is much more environmentally friendly than replacing engine parts. It is also more cost-efficient.



Compressor



Individual adapter pieces

Each fuel pump type requires special adaptor pieces.

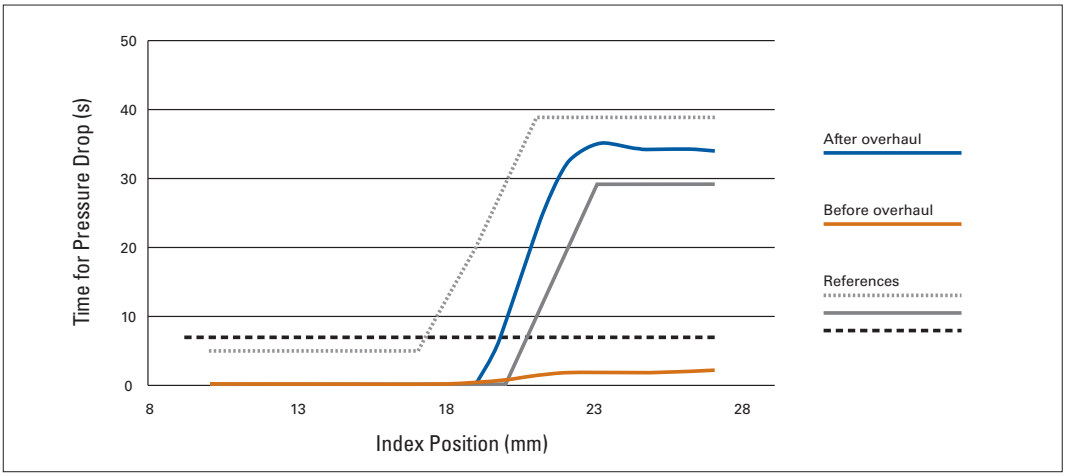


Controlled from a PC

The system is monitored and controlled from a PC.

Optional accessories

- Adaptors for additional fuel pumps
- Printer
- Crane for lifting pumps



Graphic presentation of measurement results

Technical specifications

• Weight	255 kg (excluding pump specific adaptor kits)
• Dimensions (L x W x H)	800 x 850 x1000 mm (without fuel pump)
• Power supply	1 x 220 – 240 V, 50 Hz
• Power consumption	1300 VA (without air compressor) 700 VA (air compressor, requires a separate supply voltage terminal)
• Peak current during start up	16 A (air compressor)
• Ambient air temperature	15 – 35 °C
• Recommended test temperature	20 °C
• Humidity	max 85 %, non-condensing
• Noise level	< 88 dBA
• Fuel pump sizes	4-stroke engine camshaft driven single plunger fuel pumps up to engines with 480 mm cylinder bore

Chris-Marine Headquarters and Subsidiaries

CHRIS-MARINE SWEDEN HEADQUARTERS
Tel: +46 40 671 2600
info@chris-marine.com

CHRIS-MARINE DENMARK
Tel: +45 4498 3833
iop@chris-marine.com

CHRIS-MARINE GERMANY
Tel: +49 4101 5880 0
lemag@chris-marine.com

CHRIS-MARINE SINGAPORE
Tel: +65 6268 8611
info.sg@chris-marine.com

CHRIS-MARINE CHINA
Tel: +86 21 6575 9331
info.cn@chris-marine.com

CHRIS-MARINE INDIA
Tel: +91 712 224 2719
info.in@chris-marine.com

CHRIS-MARINE ECUADOR
Tel: +593 979 000 379
info.ec@chris-marine.com

CHRIS-MARINE USA
Tel: +1 786 212 9592
info.us@chris-marine.com

Contact one of our offices to get in touch with your local agent.

B170-2401/E