

# Servicing of measuring equipment



## Repairs and service

FORCE Technology repairs and services all types of gauges and equipment for these. This work is carried out by engineers with between 10 and 35 years experience.

Our engineers are located such that they can arrive onsite at most places within a couple of hours.

As part of our service FORCE Technology offers service agreements for the maintenance of such equipment as gauges and accessories. We also offer storage space for replacement gauges and equipment for these so as to subject customers to the least possible inconvenience when making any replacements.

Besides the oil and gas industry, FORCE Technology serves customers within:

- The food industry
- Breweries
- Dairies
- Shipping
- The offshore industry.

## Equipment, spare parts and accessories

FORCE Technology services, sells, stocks new and used equipment, spare parts and accessories for

gauges of the following makes:

### Displacement gauges:

- Smith-Wayne
- Ljungmann
- Satam
- Hardoll
- Brooks
- Wennström
- Aqua Metro
- Lubricating oil gauges
- Milk gauges

### Counters and printers:

- Veeder Root

### Turbine meters:

- Hydrill
- Euromatic
- TT Barton
- ABB Kent/BBC Kent
- GH Flow Automation
- AOT Systems

### Mass flowmeters:

- Coriolis meters

### Pumps

### Valves

### Loading arms:

- Emco-Wheaton
- OPW
- Perolo

### Air traps

### Bottom loader couplings:

- Thiem
- Emco-Wheaton
- OPW
- Hardoll
- Todo

### Direction finding equipment:

- VAREC
- Whessoe
- ENRAF

### Filters, cages and liners

### Tanker dispensing nozzles, etc.:

- Scully
- Elaflex
- Miscellaneous hoses and connectors



### Calibration

FORCE Technology offers calibration of all types of gauges and has at its disposal inhouse test rigs for both water and oil gauges along with three mobile calibration trucks for external testing.

### The water testing rig

The water testing rig consists of six test standard meters with volumes of 10, 20, 30, 100, 500 and 1000 litres respectively. On the test rig it is possible to test gauges for water, milk, beer, alcohol, etc with flows of up to 1600 l/min.

### The oil testing rig

The oil test rig consists of master meters and 7 test standard meters with volumes of 20, 50, 100, 200, 400, 1000 and 5000 litres respectively. The test rig can deal with flows of up to 4800 l/min.

### Calibration trucks

The calibration trucks consist of six test standard meters with volumes of 20, 100, 200, 500, 1500 and 2500 litres respectively. The calibration trucks are primarily used for control metering and verification of sales meters with flows of up to 3000 l/min.

### The test standard meters

The test standard meters are all calibrated and accredited and traceable back to an international unit and can be read to an accuracy of 0.5 ‰.

### Other services

Besides the calibration of gauges, FORCE Technology provides a wide range of other services within the verification and calibration of metering equipment. This is carried out at our departments in Brøndby, Vejen and Fredericia.

FORCE Technology is constantly working on the further development of equipment and methods to adapt to market demands, the needs of our customers and statutory requirements.

We are happy to provide our non-binding advice and submit price quotations for current assignments, also within other areas of calibration.



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