

## FUEL FLOW METER BATTERY POWERED PULSE TESTER

### Consumption pulse control device for AIC SYSTEMS AG fuel consumption meters

During installation or for maintenance purpose the AIC battery powered consumption pulse tester offered an easy and reliable way to check the proper function of the AIC fuel consumption measuring system.

The device can be used with all AIC SYSTEMS AG fuel consumption measuring systems.

#### Application

Any fuel oil meters made by AIC SYSTEMS AG

888  
Instruktor

900  
VERITAS®

1000

4000  
VERITAS®

5000  
Fuel flow  
Master

6000  
Swissline

FS

Board  
Computer  
and  
Totalizer



## Description

**Tester is consisting of:**

- Testing device
- 2 x E-type 9V battery
- Optional: Connection cable for checking AIC 6000 type units



## Working principle

During initial installation, once the AIC fuel meter is connected to the fuel lines and before starting the installation of the data acquisition system, you can use the tester to check that consumption pulses are generated.

Also, for maintenance purpose such as locating missing consumption pulses issue, using the tester you can find if the issue is coming from the flowmeter or the data acquisition and wiring.

The tester provides the electrical power to the AIC pulse generating electronic, it is therefore not necessary to connect the AIC meters electrically prior to testing the consumption pulse function.

Steps:

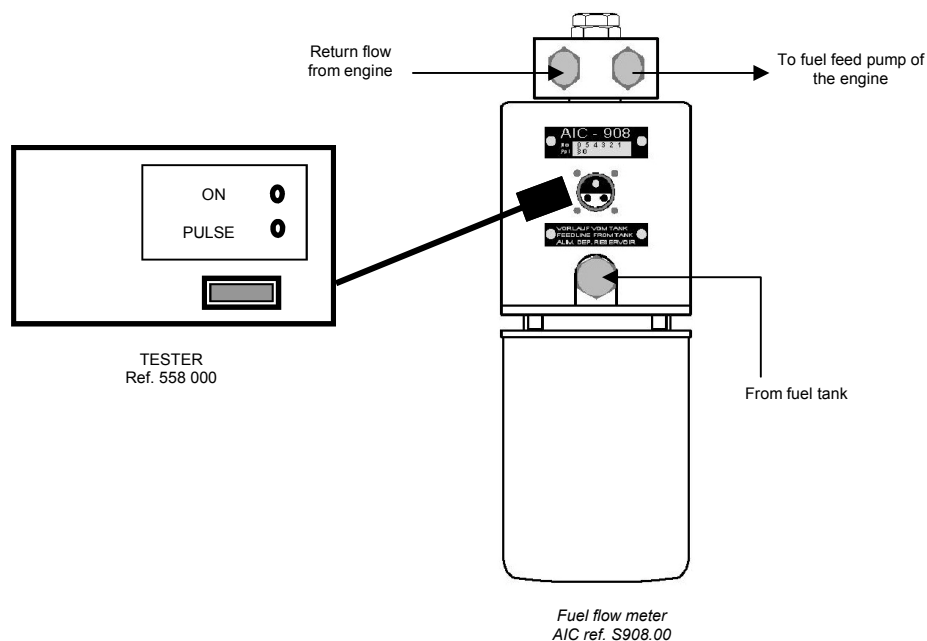
1. Plug the tester into the AIC fuel consumption measuring system electrical connection port
2. Turn on the power on the pulse tester (Green LED burning)
3. Turn on the engine and run the engine for two minutes in idling. The red light flashing will indicate that the AIC Fuel flow meter is generating consumption pulses.



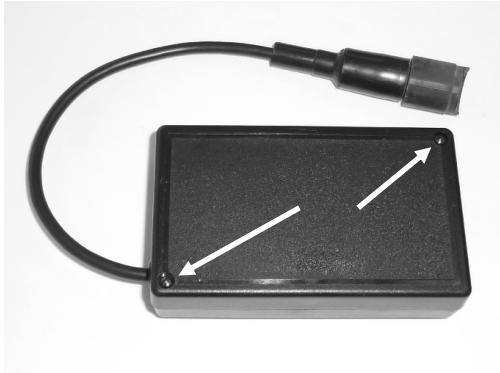
With 80 pulses per litre rate fuel consumption systems such as AIC 908 the time between two pulses can be close to 20 seconds in idling.

The device will emit a “Beep” sound if it remains powered on for a long period. This is to increase the battery life time by reminding the user that it is time to turn off the tester.

## Installation



## Replacing the batteries



Remove the 2 (two) Phillips screw to access the batteries.

Always replace the two 9V batteries simultaneously.

## Ordering structure

### Pulse tester

		<b>References</b>
AIC pulse tester	Testing pulses on AIC 900, 4000 and 5000 series	558 000
Adapter cable	For connecting tester with 6000 units	558 005



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