

Automotive Information and Control Systems

World-wide leader in measuring-systems for pulsating fluids

## Fuel-consumption-meter

# AIC - 6008

FOR DIESEL ENGINES UP TO 735kW (1000HP)

Highest measuring accuracy by volumetric **ONE-WAY-MEASURING**

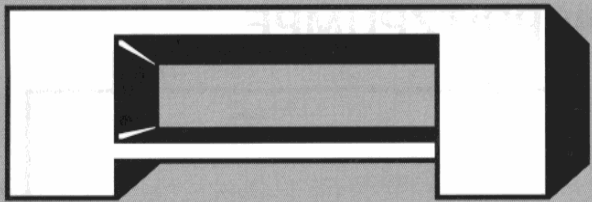
EME-tests as directive 95 / 54 / CE

- for
- Marine-engines
- Gensets
- Heavy Trucks
- Building machines
- Motor test bench

from 50 kW(68 HP)  
up to  
735 kW(1000 HP)



Universal Burn Rate Meter with integrated heatexchanger, circulation pump, high accurate flowmeter and filter. Compact chromsteel hausing with carrying handle.



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# AIC 6004/6008 MOBIL

## Connection to the fuelsystem of the diesel-engine

24 to 30 VDC

- 31  
GROUND

white

+ 15  
KEYSWITCH

brown

AIC-BC2022

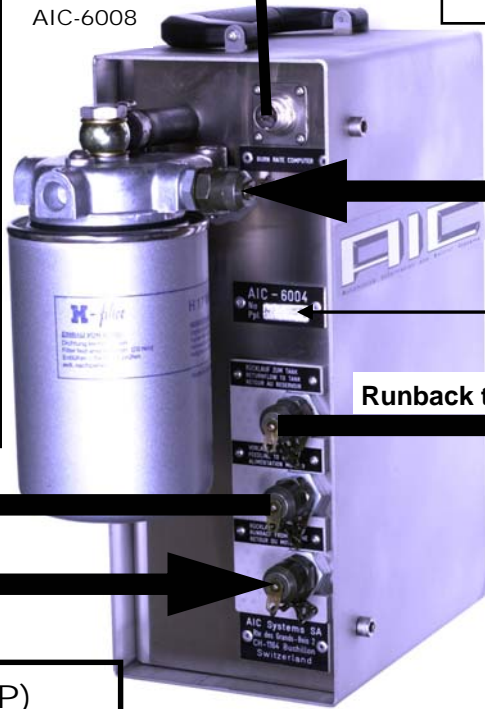


Black wire

Connect to the tachograph for speed/distance-pulses. For calibration see „Manual-BC2022“.

- Vent the fuel system:
- A.) On the flowmeter, disconnect the runbackline coming from the engine.
  - B.) Close thigt the return-connector on the flowmeter.
  - C.) Introduce the disconnected returnline into the filler-cap of the fueltank or into an other receptacle.
  - D.) Turn the keyswitch of the vehicle „ON“. The circulation-pump of the flowmeter start up and fill the filter and the cooling-chamber of the heatexchanger inside of the flowmeter.
  - E.) Start up the engine after 5 minutes and run it in fast-idling rpm. Run the engine the first time min. 15 minutes still clear fuel without airbulbs come out of the disconnected returnline.
  - F.) Stop the engine and reconnect the return-line to the flowmeter.
- It is absolutly essential that all air is completly evacuated!

AIC-6004  
AIC-6008



-Serial No.  
-Number of pulses per 1 Lt. fuel-flow

Feedline to engine

Runback from engine

Runback to tank

Feedline from tank

6004 = 2000 ppl up to 515 kW ( 700HP)  
6008 = 800 ppl up to 735 kW (1000HP)

Hotline: ++41-79 212 28 31



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