

# TEST-UNIT FOR STROCO-OIL HEATER 35.00 M ADAPTER FOR 30.02

## Re. adapter for 30.02:

Dismount automatic  
Mount adapter on the heater (automatic)  
Connect loose cable to fan motor  
Connect test unit for 35.00 to adapter  
Connect loose cable to water pump

Working description:

### Starting.

The first 3 seconds the steering carry out an internal calibration. No activity is seen in the display or the light-emitting diodes, no contacts are active.

If the internal calibration is okay the steering goes in test mode - else a failure is reported.

### Test mode.

Water pump, blower, room blower, ignition/pre-heater and magnet valve can be activated and the power consumption for these can be read in display.

The boiler temperature and a figure for the luminous intensity on the photo sensor can also be read.

### Mode of operation for buttons.

The test-unit shows total power consumption. A continued pressure on photo or temp. activates light in concerned button and a figure for the luminous intensity or the temperature can be read in the display. If water pump, blower, room blower, ignition/pre-heating or magnet valve are activated, these will stay active, but the light-emitting diode in the button is turned off as long as photo or temp. is pressed in.

### Test/auto

Changes between normal and test mode.

### Photo and temp.

A continued pressure on the button activates the function.

### Auto mode.

The test-unit works as a standard HP35.00 steering. Total power consumption, temperature and luminous intensity on photo sensor can also be read. When auto mode is selected the steering always carry out a new start.

### Active buttons.

Test, auto, photo and temp.

**Active light-emitting diodes** () only if selected.

Auto, (photo), (temp.)

### Mode of operation for buttons.

The test-unit shows total power consumption. A pressure on photo or temp. activates light in concerned button and a figure for the luminous intensity or the temperature is read in display.

Recommended values at normal operation:

Photo:	4.9V at stagnation – 0.0 at operation
Temperature:	registers in the area 22 – 85°C. If the display flashes the boiler temperature is outside this area or the temperature sensor is defective.
Magnet coil:	0.2 – 0.4A
Ignition/preheating:	5 – 6A
Fan:	4 – 5A. Starting: 6 – 7A
Water pump:	3 – 5A