

NEW!

AUTOMATED FOAMING TEST APPARATUS ASTM D 892 - IP 146

The apparatus consists of a frame supporting two Pyrex jars (one for 24 and one for 93.5°C) and a control box with all the electronics. The equipment permits to perform the analysis automatically: it's enough to pour the sample in the cylinder and to insert the cylinder in the jar. By pressing a button on the 8.4" touch screen display, the test sequence will be started: after a selectable waiting time, the prescribed 470 ml of air is blown into the sample in 5 minutes: an audible alarm alerts the user 30 sec. prior to the end of the blowing time. The apparatus permits also to record test data, diagnose and calibrate temperature and flow sensors.



Apparatus

- Powder coated steel frame supporting two Pyrex jars, one for tests at 24 and one for tests at 93.5°C.
- Aluminium covers, each with two holes for the graduate test cylinders: locking clamps to hold the cylinders in position and thermometer jacket for ASTM 12C thermometer on each cover
- Electrical bath stirrer on the jar cover.
- Stainless steel heaters.
- Two stainless steel cooling coils in the 24°C jar: one permits to maintain 24°C in the jar by circulating tap water and one permits to cool down the air used in sequence II.
- Four electronic mass flow controllers with 0-120 ml/min scale and 0.1% F.S. precision.
- Electronic controller that permits to run the test completely automatically: selectable waiting, blowing and alarm time. The controller provides also to maintain the jars at the prescribed temperatures with 0.1°C accuracy. 8.4" touch screen display. Calibration, diagnostic and data storage routines. Temperature measuring elements: PT100 RTD.
- Operating range: from ambient to 100°C.
- One Ethernet, two USB and one serial port.
- Safety transparent shield surrounding 93.5°C bath.
- Safety devices against overheating and low level on both jars.
- Easy access control box: it can be removed in case of malfunctionment for easy transportation.
- English written user's guide and installation instructions.
- For 220V / 50Hz connections. Power consumption 2500 W.
- Dimensions (l x w x h): mm 1050 x 460 x 720. Weight: kg 55 approx.
- CE marked.

AD0892-410 Apparatus

ACCESSORIES

AD0892-A00 Wet test meter
AD0892-A01 Officially certified wet test meter
AD0892-A10 Air pump
AD0892-A03 Glass drying tower
CAL001 PT100 simulator
CAL003 Official Certificate for Pt100 simulator

CONSUMABLES

AD0892-C00 Graduate pyrex glass cylinder
AD0892-C01 Rubber stopper with air inlet and outlet
AD0892-C02 Norton certified spherical Alundum gas diffuser stone
AD0892-C03 Mott certified stainless steel cylindrical gas diffuser
TA012C-N00 ASTM 12C thermometer (-20°C/+102°C)

Specifications may vary without notice.

The apparatus is supplied bare without glassware (if any), accessories and consumables.



Detail of the controller

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