

# FOAMING TEST APPARATUS

## ASTM D892 - D6082 - IP 146 - ISO 6247

The apparatus consists of a frame supporting one or two Pyrex jars and a control box with all the electronics. Models AD0892-500 and -505 are equipped with variable area flowmeters for labs with a low number of routine tests, -520 and -540 are for continuous use, the latter suitable also for D6082 tests at 150°C. Top covers remains at only 53 cm above the bench making the instrument easy-to-use even to not very tall persons.



AD0892-520

- Powder-coated steel frame supporting one (AD0892-500) or two Pyrex jars (models -505, -520 and 540).
- Anodized aluminum jar 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.
- One set of rubber stoppers with air tubes (inlet and outlet).
- Electric bath stirrer with shaft and propeller, stainless steel.
- Stainless steel heaters.
- Coils for both air circulation and connection to a chiller in case tap water temperature exceeds 20°C.
- AD0892-500 and -505 come with variable area flowmeters with 0-120 ml/min f.s. and 5% f.s. precision, -520 and -540 come with electronic mass flow controllers with 0-230 ml/min scale and 0.1% f.s. precision.
- AD0892-500 and -505 come with a traditional aluminium control panel with English written indications while models AD0892-520 and -540 are equipped with an 8.4" Panel PC as user interface. Calibration, diagnostic and data storage routines.
- Temperature measuring elements: PT100 RTD. Operating range: from ambient to 100°C with +/- 0.1°C accuracy for models -500, -505 and -520 and ambient to 160°C for -540.
- One Ethernet and two USB ports on model AD0892-520 and -540.
- Safety transparent shield surrounding 93.5/150°C bath.
- Safety devices against overheating and low level.
- Easy access control box.
- English written user's guide and installation instructions.
- For 220V / 50Hz connections. Power consumption 1800 W (AD0892-500 and 2500 W (-505, -520 and -540)
- Dimensions (l x w x h): mm 550 x 460 x 550 (top cover) and 720 mm (top of stirring motor), 30 kg (AD0892-500) mm 1050 x 460 x 550 (top cover) and 720 (top of stirring motor), kg 55 (AD0892-505 and 520), mm 1250 x 460 x 720, kg 65 (AD0892-540).
- CE marked.

AD0892-500	Apparatus, single-unit with variable area flowmeters
AD0892-505	Apparatus, twin-unit with variable area flowmeters
AD0892-520	Apparatus, twin-unit with touch-screen interface
AD0892-540	Apparatus, twin unit with touch screen interface suitable for ASTM D6082 tests at 150°C

#### ACCESSORIES

AD0892-A20	Electronic air volume counter (replaces wet test meter)
AD0892-A21	Certificate for the volume counter
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.**



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