

Fogging Tester, EB 03 for testing of Windscreen Fogging



Equipment for determination of windscreen fogging according to ISO, DIN, ASTM and other automotive standards. The equipment has a compact design with the heating bath and cooling bath integrated in one casing.

For cooling the water bath, the instrument is normally connected to tap water of max 18 °C. If the tap water is too warm, a model EB 03C can be supplied with a built in cooling system with Peltier elements.

Accessories

- EB 03.01 Sealing rings, L-shaped of Silicone-rubber
- EB 03.03 Glass Beaker, ISO, DIN type, with thick walls and plane bottom
- EB 03.04 Panes of glass, 110 x 110 mm
- EB 03.05 Stand for panes of glass
- EB 03.09 Aluminium foil discs, for gravimetric measurements
- EB 03.10 Filter paper
- EB 03.11 Spacer of plastic film
- EB 03.12 Stove bath fluid (modified, aliphatic alcohol)
- EB 03.13 DIDP reference liquid
- EB 03.14 UV lamp, 254 nm hand held, for cheching the tin side of glass panes
- E0248.01 Glossmeter Erichsen, Picogloss 560 MC battery operated
- EP 04-dia 80 Cutting die for cutting specimen with a cutting press
- CP 225 D Balance Sartorius, for gravimetric tests with 0,00001 g

Technical specification, Fogging Tester, EB 03

Temperature range:

heating bath, °C:	40 - 130
cooling bath, °C:	20 - 80

Accuracy:

heating bath, °C:	± 0,5
cooling bath, °C:	± 0,5

Dimensions w x d x h, mm:	EB 03	955 x 435 x 585
	EB 03C	955 x 530 x 585

Weight: approx, kg:	EB 03	57
	EB 03C	67

Beakers: 6

Voltage: 220-240/1/50

Power, W: 2 100

Colour: bluegreen

Services, l/min: (EB 03) cooling water, 0,1 - 1,0 (max 18 °C)

Peltier cooling elements: W (EB 03C) 200

- The equipment, consists of a heating bath and a water bath, built as one unit.
- Meets the requirements for fogging tests, according to ISO 6452 and ASTM D5393 and other automotive standards
- The baths are made of stainless steel and the casing of painted steel.
The paint is a powder paint.
- The water cooling can be replaced by an electrical cooling system with Peltier elements. (EB 03C)

The **EB 03** Fogging Tester includes the following:

- 2 pc temperature controllers, with 0,1 °C setpoint, and alarm.
- 2 pc solid state relays for safe control.
- 1 pc temperature sensor selector switch.
- 6 pc Beakers according to ISO and DIN
- 6 pc Sealing rings of silicone rubber
- 6 pc Cooling plates
- 2 sets of test glass (7 pc) including stand
- 6 pc Stainless steel rings for loading the samples
- 6 pc Aluminium rings for holding the beakers
- 1 pc Stainless steel stand for the beakers (in the hot bath)
- 1 pc Spirit Level
- 10 pc Aluminium foil discs for gravimetric tests
- 1 pc Spacer of plastic film
- 10 pc Filter papers
- 25 l Stove bath Fluid (optional)
- 1 pc Erichsen 60° glossmeter (optional)

ELASTOCON reserve the right to modify this specification in part or in whole.



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