

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.

- The equipment, consists of a heating bath and a water bath, built as one EB 03.03 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)



A suitable balance for gravimetric tests with 0,00001 g



Glossmeter Erichsen, Picogloss 560 MC battery operated

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 **EB 03** Fogging Tester includes the following: (can also be spare parts)

- 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. EB 03.03
- 6 pc Sealing rings of silicone rubber. EB 03.01
- 6 pc Cooling plates
- 2 sets of test glass (7 pc x 2) EB 03.04 including stand. EB 03.05
- 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. EB 03.09
- 1 pc Spacer of plastic film. EB 03.11
- 10 pc Filter papers. EB 03.10

Optional

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 checking the tin side of glass panes

EP 04-dia 80 Cutting die for cutting specimen with a cutting press

KEABT 220 - 5DM High precision analytical Balance

E0248.1 Gloss meter

Addition to EB 03 for testing according to Toyota TSM 0503G and Mitsubishi PES 1360 1097

Toyota



EB 03.17 Glass Beaker Toyota Standard

EB 03.18 Panes of glass 47x47 mm with Tin side identified

EB 03.19 Stand for Toyota beakers. Replace the standard stand

Mitsubishi

Type C,
oil bath method



EB 03.20 Glass Beaker Mitsubishi glass beaker.

EB 03.21 Stand for Mitsubishi glass beaker. Additional stand used together with EB 03 standard stand.

To obtain the correct liquid level.



Hazemeter EEL57

measuring the light transmission and diffusion according to Toyota and Mitsubishi standards.

Fogging tester, ES 33

Mitsubishi , Type B
Lamp Heating Method



Technical specification

Temperature range, °C:	40 - 110
Temp. control, 40 - 110 °C, °C:	± 1,0
Temp. variation in time and space, °C:	± 0,5
Temperature sensors:	Thermocouple "K"
Dimensions, external, w x d x h, mm:	450 x 385 x 680
Weight, kg:	approx. 19
Voltage, V:	220-240 / 1 / 50
Power, W:	1 000

Common specifications:

- The casing consists of steel, painted with powder paint in bluegreen colour.
- Temperature controller with 0,1°C setpoint.

Included

8 pcs ES 33.01 Glass Beakers
2 set ES 33.02 (9x2) Panes of glass 50 x 50 x 3 mm

Optional

EEL57 Hazemeter

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



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