

## Corrosion Test for Antifreezes in Glassware

ASTM D 1384, JIS K2234

**Product group(s):** Oil

**User group(s):** Antifreeze, Automotive, Motor Vehicles

**Scope:** This method covers a simple beaker-type procedure for evaluating the effects of engine coolants on metal specimens under controlled-laboratory conditions.



### Corrosion Test Equipment

More details are mentioned in the "Order Number" section

### Main Unit

#### 16-0955 Corrosion Tester for Engine Antifreezes ASTM D 1384 - JIS K2234

Consisting of:

- 4 heating devices for the beakers
- 1 ROTA-flow meter bench (4-place)
- 4 clamps for reflux-condensers
- 4 beakers 1000 ml,
- 4 bored rubber stoppers
- 4 reflux condensers,
- 4 aerator tubes, hose length
- 4 sets of screws, insulating sleeves, spacers and separators
- 4 thermometers ASTM 1C
- 4 sets of test specimens of steel, copper, brass, tin, cast-aluminum and cast iron

Note!

Other configuration upon request.

Power supply: 230 V, 50/60 Hz

### Options & Accessories

#### 16-0956 Set of Accessories for Testing Low-Boiling Antifreezes

Consisting of:

Dewar flask and 4 cold traps (vacuum-type)

### Spare Parts

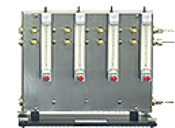
#### 16-0957 Metal Test Specimens Set - Code: 302 for Antifreeze Corrosion ASTM D 1384

Material/Composition: Code 302 A-F  
(Sn, Cu, Ms, Sn, Al, Fe)  
Pack/Set: 10 each

#### 16-0958 Metal Test Specimens Holder- Code: 302 T for Antifreeze Corrosion ASTM D 1384

Set of holders with screws and accessories  
Pack/Set: 4

16-0959	<b>Beaker, 1000 ml, glass, high shape without spout, pack of 4</b>
16-0960	<b>Reflux Condenser with water jacket (4 each)</b>
16-0962	<b>Stopper, Rubber (100/65 / bored), pack of 4</b> to receive condenser, aerator tube and thermometer
16-0961	<b>Aerator Tube, pack of 4</b>
16-0963	<b>Thermometer ASTM 1C</b> Range: -20 to +150 : 1 °C Length: 322 mm, Immersion: 76 mm, Ø 6.5 mm
11-0111	<b>Electric Heater, 800 W Standard Type</b> <u>Consisting of:</u> stainless steel housing with built-in electronic control module "m2", 4 heater rods in encased shape with rear gold coating.  <u>Technical Data:</u> Dimensions (WxHxD): 155 x 205 x 185 mm Weight: 2.8 kg  Power supply: 220/240 V, 50/60 Hz
11-0018	<b>Heater Rod 200 W, 115-230 V</b>
11-0019	<b>Heating Element with 4 heater rods</b> Power supply: 230 V, 50/60 Hz, 800 W
25-0004	<b>Control Module "m2" to regulate the heating power</b> Power supply: 230 V, 50/60 Hz
11-0138	<b>Support Board, center hole Ø 50 mm (2")</b> glass ceramics (150 x 150 x 4 mm)
16-0566	<b>Flow Meter Unit, 1.6 ...16 l/h</b> <u>Consisting of:</u> 4-place bench, calibrated with needle valve, air and cooling water supply system with inlet and outlet nozzles, heavy stand, works certificate with setting values calibrated



**Order Guideline**

Minimum equipment: 1x 16-0955  
 Spares (approx. 1 year): 16-0957, 16-0967, 16-0966, 16-0963  
 Additional requirements: