

# HOT FILTRATION TEST APPARATUS ASTM D 4870 - IP 375

The apparatus consists of a support hosting two filtering units. A unique mechanism permits to the operator to stay far from hot parts of the instrument during the operations to avoid risks of burnings.



Steam generator, automatic apparatus  
and vacuum pump

- Two chromium plated brass filtering units with heating coils fitted with hose connectors and silicon tubes to the manifold.
- Insulating supports for the two funnels.
- Mechanical device to firmly press the cups against the funnels.
- Stainless steel manifolds.
- Vacuum valve to connect the funnels to the vacuum line with leverage on the front of the apparatus.
- Two separated vacuum circuits with two gauges.
- Semiautomatic version with a PLC that automatically controls the phases of the analysis through solenoid valves also available.

IP0375-100 Manual apparatus  
IP0375-110 Semi-automatic apparatus  
IP0390-100 Ageing bath for IP 390 test (4-place aluminium block) without glassware

#### ACCESSORIES

IP0375-A00 Vacuum pump  
IP0375-A01 Fully automatic steam generator with safety pressure control. The steam generator has to be connected to a water source. For 220V/50 Hz connections

Note: vacuum pump and steam generator are parts of the apparatus and must be added to it in case they are not yet available in the laboratory.

#### CONSUMABLES

IP0375-C00 Pack of 100 Whatman GF/A Ø 47 mm filters  
IP0375-C01 Sintered bronze filter support with OR gasket  
IP0375-C02 Pack of 10 OR gaskets for filter support  
IP0375-C03 Vacuum flask, 500 ml  
IP0390-C00 Conical flask 50 ml capacity with bored cork, air condenser and rubber stopper  
TA022C-N00 ASTM 22C thermometer (+95°C/+103°C)



Manual apparatus with steam generator  
and pump

Specifications may vary without notice.

**The apparatus includes the items listed aside the picture, accessories etc. should be purchased separately.**

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