

Distillation Analysis of Road-Tar / Bitumen - DIN Type

DIN 52027

Product group(s): Bitumen

User group(s): Bitumen, Tar

Scope: This procedure measures the amount of the more volatile constituents in fluxed bitumen. Suitable for the distillation of fluxed bitumen.

Approx. 250 g of a sample are distilled at temperature up to +350 °C. The receiver will be changed at +170°C, +270°C and +300°C.

- **Ready-to-Go Unit**



Distillation of Road Tars - DIN-Type Test Equipment

More details are mentioned in the "Order Number" section

Main Unit

10-0152 Road-Tar Bitumen Distillation (DIN-Type)
DIN 52 027

Consisting of:

- 1 heater housing of stainless-steel
- 1 universal gas burner
- 1 fractionation flask (500 ml)
- 1 thermometer (precision made)
- 1 Liebig condenser tube 400
- 1 condenser tube (600 mm)
- 6 receivers
- 1 support rod
- 1 boss head
- 1 clamp and
- 1 base plate and connection material
(2 silicon stoppers (bored Ø 4 & 12 mm))

Options & Accessories

21-0697 Digital Stop Watch



Consisting of:

- 7-digit LC display, max. 10 hours countdown with 1/100 sec. precision, Lithium battery
- quartz-controlled
- water resistant
- memory function
- calendar

Spare Parts

10-0154 Thermometer DIN 12 779
Range: 0 to +360 : 1 °C

10-0155 Thermometer DIN 12 779
Range: 0 to +360 : 1 °C (officially certified)

10-0153	Fractionating Flask, 500 ml
10-0156	Condenser-Tube, Ø 22 mm, length 600 mm
10-0157	Liebig Condenser "400" for cold tars to +170 °C
10-0158	Universal Gas Burner with special shape
10-0159	Heater Housing made of stainless-steel with holding ring and wire gauze
10-0166	Receiver Erlenmeyer Flask, 100 ml (NS 19 mm)
10-0208	Insulating Cover made of ceramic, two-part, Ø 148
10-0298	Stopper, Silicone (30/32 / bored Ø 4 mm), pack of 20
10-0299	Stopper, Silicone (22/25 / bored Ø 12 mm), pack of 20

Order Guideline

Minimum equipment: 1x 10-0152
 Spares (approx. 1 year): 10-0153, Thermometer, 10-0156, 10-0166, Stopper
 Additional requirements: Gas