

DISTILLATION FLASK HEATERS

ASTM D95; D244; D4006; E123; IP 74; IP 291; IP 358; BS 2000 Parts 74 & 358; BS 756; ISO 3733; ISO 9029; API 2560; API MPMS Chapter 10.2; API MPMS Chapter 10.5; FTM 791 3001 (obs); NF T60-113; JIS K2275

SPECIFICATIONS

Seta Part No:	24410-4	24415-2	24530-4	24540-4
Suitable Flask Size:	500ml	1000ml	500ml	500ml
Number of Heater Stations:	1	1	3	6
Voltage:	110/120V, 50/60Hz 220/240V, 50/60Hz	110/120V, 50/60Hz 220/240V, 50/60Hz	110/120V, 50/60Hz 220/240V, 50/60Hz	110/120V, 50/60Hz 220/240V, 50/60Hz
Power:	200W	200W	600W	1200W
Size (HxWxD):	15 x 30 x 46cm	15 x 30 x 46cm	15 x 80 x 46cm	15 x 100 x 46cm
Weight:	3.5kg	3.5kg	10kg	12kg

STANDS & FITTINGS, CONDENSERS & DISTILLATION FLASKS

Seta Part No.	Name
24500-0	SETA STEEL STAND, 23 x 14cm base with a 12.7mm diameter steel rod 76cm high, suitable for use with 24410-4 and 24415-2 Distillation Flask Heaters.
24520-0	CLAMP, for holding glassware, three fingered padded jaw to protect and grip glassware, fully open capacity 90mm.
24650-2	BOSSHEAD, for attaching 24520-0 Clamp to 24500-0 Stand.
24440-0	CONDENSER, Reflux type, 40cm effective length, B19 Cone.
24445-0	DRYING TOWER & STOPPER
24401-0	DISTILLATION FLASK, 500ml, B24 Cone.
24402-0	DISTILLATION FLASK 1000ml, B24 Cone.



Typical Dean & Stark Assembly

RECEIVERS

Seta Part No.	Name	Trap Size	Graduation Division	Range	Description End	Condenser Joint	Distillation Flask Joint	Methods
24450-0	RECEIVER	2.0ml	0.05ml	0.1 to 2.0ml	Round	B19 Cone	B24 Cone	
24460-0	RECEIVER	3.0ml	0.05ml	0 to 3.0ml	Round	B19 Cone	B24 Cone	
24465-0	RECEIVER	5.0ml	0.05ml	0 to 5.0ml	Round	B19 Cone	B24 Cone	
24470-0	RECEIVER	7.5ml	0.1ml	0.5 to 7.5ml	Round	B19 Cone	B24 Cone	
24480-0	RECEIVER	10.0ml	0.1ml	1 to 10ml	Round c/w Stopcock	B19 Cone	B24 Cone	
24490-0	RECEIVER	12.5ml	0.1ml	0 to 12.5ml	Round	B19 Cone	B24 Cone	
24495-0	RECEIVER	25.0ml	0.2ml	5 to 25ml	Conical	B19 Cone	B24 Cone	BS756
24497-0	RECEIVER	25.0ml			Conical	B19 Cone	B24 Cone	IP 74
24510-0	RECEIVER	25.0ml	0.1ml	6 to 25ml	Round	B19 Cone	B24 Cone	IP 291

ASPHALT DISTILLATION

11900-0 SETA ASPHALT DISTILLATION APPARATUS

ASTM D402-IP 27; BS 2000 Part 27; NF T66-003 (obs); AASHTO T78 (obs)

- Gas heated
- Stand mounting

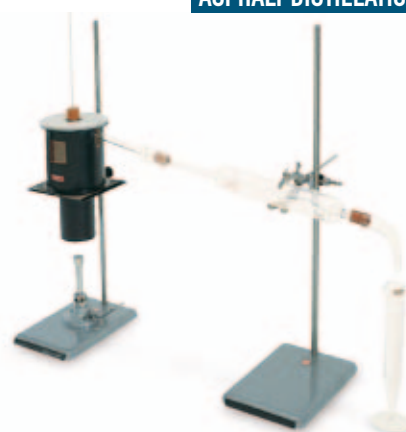
Apparatus for measuring the volume of volatile constituents in cutback asphaltic products. Comprises a heat insulated shield, two-part insulated cover, and two sheets of 16 mesh gauze, supported on a height adjustable platform. A steel chimney below the shield reduces heat loss from the gas burner (not supplied). Stand mounting.

ACCESSORIES - Asphalt Distillation

REQUIRED

- 11910-0 GLASSWARE, comprises 500ml side-arm distillation flask, glass-jacketed standard condenser, adaptor spout and 100ml Crow receiver.
 - 11920-0 RESIDUE CONTAINER, 8oz, with slip-on cover, pack of 5.
 - 24500-0 SETA STEEL STAND, for mounting apparatus (two required).
 - 24520-0 CLAMP, to secure condenser to bosshead.
 - 24650-2 BOSSHEAD, to secure clamp to stand.
- AND ONE OF THE FOLLOWING:
- 13401-0 SETA BURNER, for natural gas (methane).
 - 13402-0 SETA BURNER, for LPG.
 - 13403-0 SETA BURNER, for coal gas.
- THERMOMETERS:**
ASTM8C/IP6C or ASTM8F

11900-0 and Accessories



11900-0 (Burner, glassware and stands supplied separately)

SPECIFICATIONS

Size (HxWxD):	30 x 100 x 20cm
Weight:	1.6kg

CONSUMABLES - Asphalt Distillation

2 Years/2000 Tests	Qty
11910-001 DISTILLATION FLASK, pack of 2	2
11910-004 RECEIVER, CROW TYPE, pack of 2	1