



Accessories for both V 3020 and V 321-Series Camera Channels

Motorized Lens Change Unit Type V 4021

Allows two lenses to be inter-changed by remote control.

Wide spacing of lenses allows extreme focal length lenses to be used together.

Diameter: 9½ in. (24.2 cm).

Length: 7¼ in. (18.5 cm).

Weight: 7 lb. (3.2 kg).

Power supplies: 100–125 V, 200–250 V, 50 or 60 c/s. 10 VA.



9257

V 4021 (at rear of turret).



8936C

V 4041.

Motorized Pan and Tilt Head Type V 4041

Dustproof and weatherproof.

Dynamic braking available to eliminate overrun.

Height	Width	Depth	Weight
12¼ in. (31 cm)	15½ in. (38.8 cm)	9¼ in. (23.5 cm)	50 lb. (22.7 kg)

Control panel:	Height	Width	Depth	Weight
	6 in. (15.2 cm)	10 in. (25.4 cm)	5½ in. (14 cm)	4 lb. (1.8 kg)

Size of cut-out required for control panel: 9½ in. (24 cm), 5½ in. (13.1 cm).

Power supplies (to control panel only): 100–125 V, 200–250 V, 50 or 60 c/s. 80 VA.

Mounting: Head may be screwed down to horizontal flat plate. Panel may be flush-mounted.

Controls: On head, none. On panel, either joy-stick or separate pan and tilt knobs.

Movements: Pan, 340° at 6° per second (speeds 4°, 4¾°, 7½° and 9° per second to special order). Tilt, ±50° at 4° per second (speeds 4¾° and 6° per second to special order). Limit-switches may be adjusted to limit travel on both pan and tilt movements.

Maximum loading: 50 lb. (22.7 kg) at 6 in. (15.2 cm) from tilt pivot.



Air-cooled Camera Housing Type V 4203

Available either with fan or with inlet for piped air supply.

Available with either plain bracket or pre-set pan-tilt bracket.

Provides both physical protection and cooling for the camera.

Dimensions: Length 31½ in. (79.4 cm)
Width 6½ in. (16 cm)
Height 11¾ in. (30 cm)

V 4223.

9259

Water-cooled Camera Housing Type V 4223

Permits interior viewing of reheat furnaces. Water-failure and air-failure alarm systems available.

Protection can be incorporated against damage to camera in case of water-failure.

Diameter of face plate: 13 in. (33 cm).

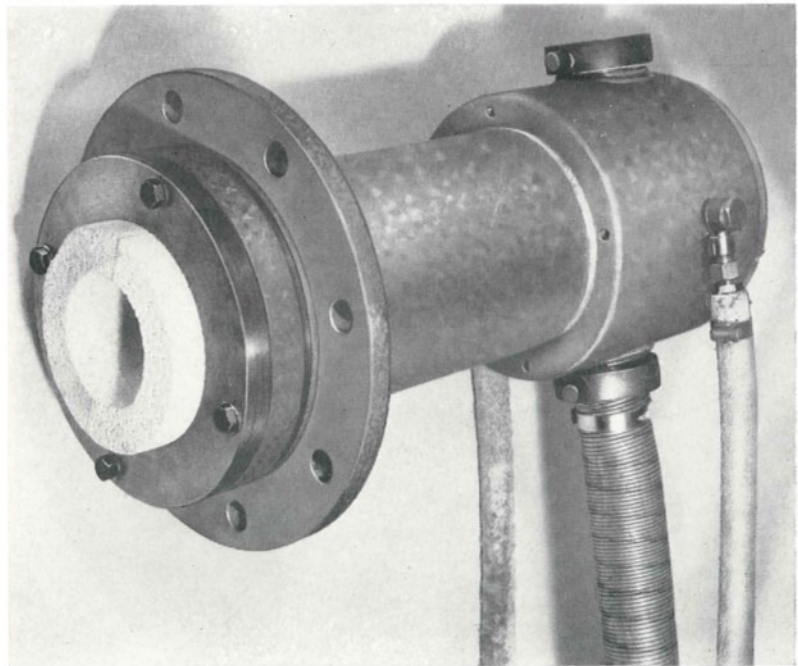
Diameter over pipework: 18 in. (46 cm).

Diameter of camera housing: 8 in. (20 cm).

Overall length: 24 in. (60 cm).

Mounting: Bolts direct on to furnace wall.

Services required: Clean water 100 gal./hour (450 litres/hour). Clean air 30 cu.ft./min. (0.9 cu.m/min.).



Flame-viewing Periscope Type V 4400

- (a) Single-aperture unit with 160° rotation plus natural span of 55° or
- (b) Panoramic unit with 20° rotation plus 90° continuous span.

Periscope automatically withdraws on failure of air, water or electrical supply.

Dimensions:

- Height 18 in. (46 cm)
- Width 18 in. (46 cm)
- Length 72 in. (183 cm)
- Weight 260 lb (118 kg)

Mounting: Bolts to boiler wall.

Services required: Clean water, 1200 gal./hour (5400 litres/hour).

Head loss, 20 ft. (6 m).

Air for carriage-actuation, ½ cu.ft (0.015 cu.m) per insertion or withdrawal at

100 lb./sq.in. Air for aperture-purge, 25-30 cu.ft./min. (0.75-0.9 cu.m/min.).

Pressure drop, 10 lb./sq.in. (0.7 kg/sq.cm).

Power supplies: 100-125 V, 200-250 V, 50 or 60 c/s, 60 VA.

Bi-colour Boiler Water Gauge Display

Provides remote indication of power station boiler water level at drum level.

Presentation on the television screen is in two-colour form corresponding to normal power station practice.

Specially designed for use with port-type gauge systems operating at pressures in excess of 2000 lb/in².

Eliminates camera alignment problems at drum level.

Inter-office Document Transmission Equipment

Modern-style, desk-mounted camera and monitor units for inter-office document transmission.

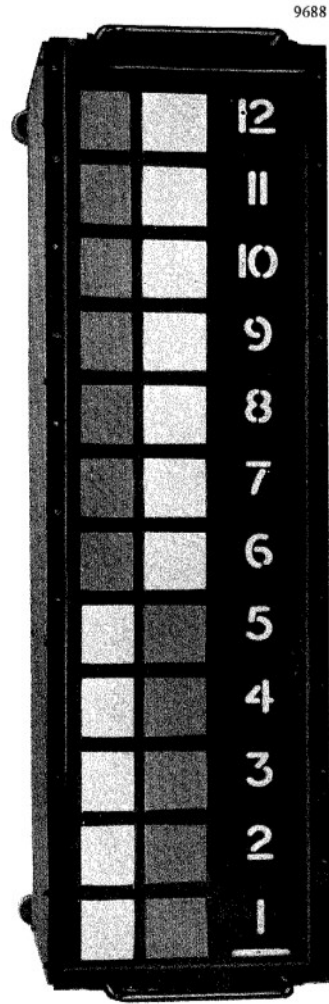
Built-in audio communication. Accurate document registration. Built-in light unit. Document location by mild suction.

Monitor units may be desk-mounted, wall-mounted or stand-mounted.

Document transmission equipment.



9689



9688

Bi-colour water gauge display.

Marconi

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