


European and American Television Cameras

	Make	Peto-scott
	Model	
	Country	UK
	Camera Type : Studio Vidicon, monochrome	
	Camera Description : Small camera with 4 lens turret, focus lever on right side and lift off viewfinder. Front and rear castings.	

Data

Tube details 25 mm. Vidicon, EEV type P.810
Lens details Turret with Vidital lenses (1)
Sig. to Noise
Sensitivity
Resolution
Viewfinder 7 inch.
Camera cable BICC Mk4b slow thread to 1200ft.
Power supply 190 to 250 volts 50Hz. 600VA.

Data

Line standards 405/50 others to order
Colour standards Monochrome
Drives or locking 4 standard pulses
Weight * 18.2Kg.
Colours
Dimensions * 312H x 178W x 432L mm.
Date designed c. 1957 (1)
Dates used

*Excluding Lenses

Associated equipment

CCU, camera control unit with built in waveform monitor, PSU, power supply unit providing +427V, +285V -142V and -700V. This is in a portable case mounted on a mobile rack frame with a Peto-Scott 14" picture monitor on top. The mounting frame can accommodate two CCU's a SPG, sync pulse generator, and the picture monitor.

Features

4 lens turret with operating handle at camera rear, the operation was pneumatically damps for smooth and silent operation.

General description

This seems to be a nicely thought out small broadcast camera with a lot of the features of it's bigger brothers, Talkback, cues, good focus control.



Peto-Scott CCU & waveform mon.

References

Product catalogue.

(1) "Television Camera Channel Design", Electronic and Radio Engineer, March 1957 page 80 to 89.

History

The Peto Scott Company were selling Cathode Ray Television Kits in 1937 (WW May 21) these sold for 12 Shillings. Demonstrations were offered from there premises at 77 City Road London EC1. The advert claims that they have been established since 1919.

Notes

(1) Made by Taylor-Hobson in 16mm format with focal lengths of 22, 32, 51 & 83mm. This provided the same field of view as standard I.O. lenses.

Used By

The BBC used this camera in the local studio at the Wimbledon Tennis Championship.