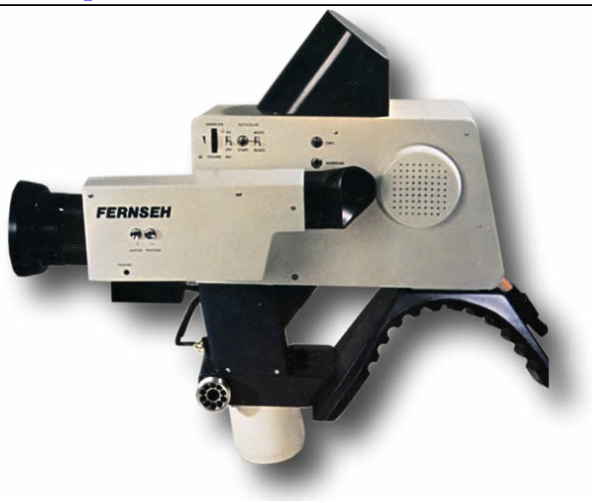
European and American Television Cameras



Make	**Bosch**
Model	**KCR40**
Country	**Germany**

Camera Type :
Portable colour + backpack interface.

Camera Description :
Large portable head, tubes in fan layout, big electronics interface box.

Data		Data	
Tube details	3 x Plumbicons 25mm.	Line standards	625/50 525/60
Lens details	Zoom	Colour standards	PAL/NTSC/SECAM
Sig. to Noise	<45dB	Drives or locking	depends on interface
Sensitivity	750Lux f2.8	Weight *	6.8Kg. including lens
Resolution		Colours	Cream and blue
Viewfinder	1.5” Monocular or 5.6” large V/F	Dimensions *	H470xW193xL305mm.
Camera cable	50ft to backpack, 2600ft.	Date introduced	1973
Power supply	117/220V. 50/60Hz. Ca.111W		

* Excluding Lens & Viewfinder

Associated equipment
1/2" video recorder based on Phillips cassette rec.

Developments:
Model numbers
The early version is a KCR40? later it is a KCK-R when used with the KCK series of cameras and a KCN camera when used with a KCN processor interface pack to a VTR.

General description
(1) EEV recommend their P8022, or P8145 for the HOP/ACT version, Leddicon tubes.
The camera uses the separate luminance WRB system.
A medium sized ENG camera head, large 10Kg. backpack with optional wheels. Auto register when on remote CCU. Later versions modified to take ACT tubes. The monocular V/F has a green tube?

References
A portable colour camera with 1/2" video recorder for electronic journalism. Hans R. Groll SMPTE Vol.83 No.8 Pages 640 to 644.

Photo Reference

Innovations
Radio remote working option offered with digital control link.

History

Notes

Used By
BBC Tel OB's had 6 cameras, 3 on the LMCR and 2 Plus a spare on the LPU, notes from Dave Jennings. ITN quick response news unit had 2. 1973. Report in ITV yearbook 1974

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