

## European and American Television Cameras

	<b>Make</b>	<b>Bosch</b>
	<b>Model</b>	<b>KCF1</b>
	<b>Country</b>	<b>Germany</b>
	<b>Camera Type :</b> ENG/EFP colour lightweight production camera.	
	<b>Camera Description :</b> Small ENG camera, 3 sections front, mid and rear. VTR option for mid & rear. Unusual battery box at 90 Degrees to camera, it mounts at back.	

Data		Data	
Tube details	3 x LOC Plumbicons 12.5mm. 80XQ	Line standards	625/50 525/60
Lens details	Zoom	Colour standards	PAL/PAL-M/NTSC/SECAM
Sig. to Noise	52dB (PAL)	Drives or locking	Genlock
Sensitivity	900Lux f2	Weight *	3.6Kg
Resolution	G= 40% @ 4 Mhz.	Colours	Black & Cream
Viewfinder	Monocular 1.5 inch with status LEDs	Dimensions *	182H x 84W x 310L mm.
Camera cable	Self contained.	Date introduced	1982, Shown at IBC 1982
Power supply	10.5 to 17VDC, 19W.		

\*Excluding Lens & Battery

### Associated equipment

VTR connection cable K-220.02.01, Pedestal adaptor K-220.03.01 (shoe), Battery K-220.91.15, Transport case K-220.91, Weather cover K-233, Microphone equipment, Test charts. Remote control panel, BCN21 1" VTR, BCF YK Quartercam VTR back, XNL mains PSU. A Betacam adapter has been developed for the KCF 1 (1987)

### Features

Electrostatically focused 12.5 mm tubes. The use of the 80XQ 12.5mm Plumbicon tubes provides excellent black level stability making black balance adjustments unnecessary. Up to 90 minutes operation on internal battery. Automatic white balance, Automatic iris, Automatic video gain switch, Automatic beam control, Digital memory for balance setting, Genlock (CCVS, S + BURST)

### General description

The new compact KCF 1 field production camera from Bosch features three half-inch Plumbicon tubes, various automatics and weighs less than twelve pounds including lens and battery. The high degree of stability and reliability as well as the most practical and pleasing styling make the KCF 1 a pleasure to handle.

### References

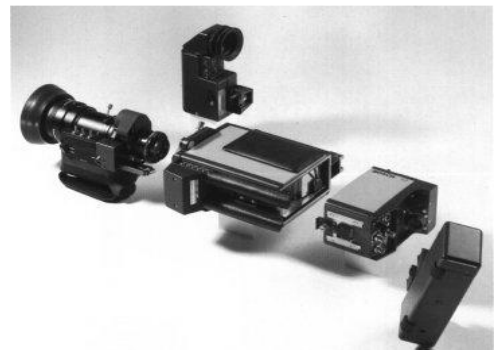
Product catalogue. Good technical description in IBE January 1987

### Innovations

Claimed resistant to water and dust

### Notes

Unusual battery box at 90 Degrees to camera it mounts at back. The KCF 1 is the camera part of the Bosch "Quartercam" system.



The segments and battery box