


## European and American Television Cameras

	<b>Make</b>	<b>Bosch</b>
	<b>Model</b>	<b>KCU40</b>
	<b>Country</b>	<b>Germany</b>
	<b>Camera Type :</b> Studio Colour	
<b>Camera Description :</b> Full facilities 3 tube broadcast colour camera, tilting & elevating 7 inch viewfinder.		

### Data

<b>Tube details</b>	3 x Plumbicons 30mm. (1)
<b>Lens details</b>	Zoom with quick-change lock. (2)
<b>Sig. to Noise</b>	45dB
<b>Sensitivity</b>	1500lux f5.6
<b>Resolution</b>	100% @5Mhz
<b>Viewfinder</b>	7" tilts and rises
<b>Camera cable</b>	TV36 800M (3)
<b>Power supply</b>	220v 50/60hz @ 650VA

### Data

<b>Line standards</b>	625/50 525/60
<b>Colour standards</b>	External coder to suit system
<b>Drives or locking</b>	MB & MS
<b>Weight *</b>	32Kg.
<b>Colours</b>	Blue/Cream
<b>Dimensions *</b>	375H x 265W x 540L mm.
<b>Date introduced</b>	Spring 1969

\*Excluding Lens

### Associated equipment

**CCU & PSU 8U high.** Large comprehensive set-up control panel with remote OCP. Colour coders, Aperture corrector, Bosch had a full range of associated studio equipment.

### Features

Built in diascope, the camera uses white, red and blue tubes for colour analysis. "True separate luminance system with only 3 tubes".

There are two program microphone circuits from the camera head to the CCU.

AC power outlet at camera.

### General description

A large camera by to-days standards but of modest size at the time. It could take a range of different lenses and had fold down carrying handles on both sides. It used the smaller TV-36 camera cable, noticeably smaller than the G101 cable as used by the EMI 2001 & Marconi MkVII

### References

Product brochure. RTS Journal advert Vol.12-7.  
1980 Video yearbook.

### History

I understand that there were approximately 500 were made.

### Notes

The later KCK 40 is an automatic version of the KCU 40.

(1) P8400HL, P8400B, P8401RF Leddicon tubes.

(2) The lens was slightly offset to the left as viewed from the front.

(3) Using an adapter to 3/4" cable 3700ft. is possible.



The Set-up control panel

### Used By

YTV and TVE in the UK