



HARRIS

TC-90

**The first 3-tube
ENG/EFP camera
to weigh in
under 7 pounds!**

Critical pounds lighter to make your job easier in the field. The new Harris TC-90 features a proven space-age graphite filament case and other design advances to give you the lightest, smallest, yet most rugged three-tube camera available today!

There are no compromises in video quality. One-half-inch Plumbicons* or Saticons** equal the signal-to-noise performance of $\frac{2}{3}$ -inch tubes, yet draw less power for longer battery life. And you get three-tube resolution and sensitivity.

There's more:

- Low profile design for an unobstructed view over the camera.
- Extensive use of LSI chips for unmatched stability.
- On-board 2 AH battery pack for up to 1.3 hours of operation.
- Optional EFP control up to 1,000 feet through RG/59 cable. No interface unit required.
- U. S. designed and manufactured.
- Backed by Harris' 24-hour-a-day service.

* T.M. N.V. Philips of Holland
** T.M. Hitachi





Nothing has been left out of the TC-90's connector panel for complete system integration.

TC-90 SPECIFICATIONS

ELECTRICAL SCAN STANDARDS

EIA525/60
CCIR625/50

COLOR STANDARDS

NTSC
PAL-B
PAL-M

SYNC

RS170A

GENLOCK

Composite color signal or color black.

TUBES

80XQ Plumbicon or BC-4398 Saticon, ½-inch.

OPTICAL SYSTEM

f1.4 prism with filter wheel and bias light

LENS

Industry standard bayonet mount for ½-inch format.

RESOLUTION

600 TVL/pix height
limiting at center

SIGNAL-TO-NOISE RATIO

Better than -57 dB.

SENSITIVITY

Usable pictures under 5 fc with +18 dB gain added.

AUTOMATIC FEATURES

Auto white
Auto black
Auto iris

POWER INPUT

10.7 to 15 volts DC. On-board 2 AH battery pack or battery belt.

AMBIENT TEMPERATURE

-20° C to +50° C.

MAXIMUM ALTITUDE

10,000 feet ASL (3048 meters).

WEIGHT

Under 7 pounds (3.18 kg.)

EXTERNAL CONTROLS

VTR Start
Bars, Beams Off, Camera
+18, 0, +9 dB Gain
White/Black Balance
Viewfinder Selectors: RGB, Y, Ext;
R, Off, B; G, Off, -G
Intercom Volume
On, Standby, Off
Power (from) Battery/VTR

CONNECTORS

Video Out
Ext Monitor Video Out
Remote Control In
Genlock In
Spare
Headset
Intercom Line Out
Program Mic In
Fuse
14-Pin VTR Connector

Specifications subject to change without notice.