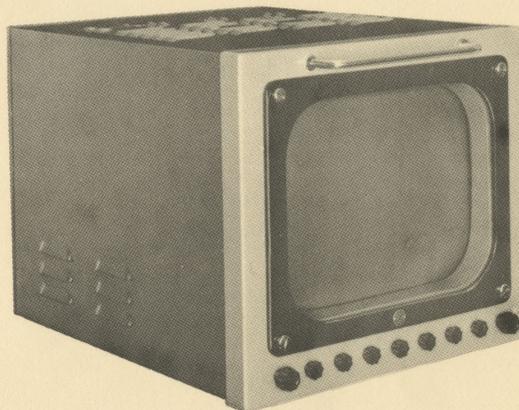


TV MONITOR TYPE 93 A 01.

- System:** 625 lines,
50 fields per sec.,
CCIR.
- Picture size:** 280 x 210 mm.
(14" picture tube).
- Dimensions:** See dimensional
outline.
- Weight:** 25 kg. (55 lbs.).
- Power source:** 90 - 130 volts and 180 - 240 volts, 50 - 60 c/s,
adjustable in steps of 10%.
Stabilized power supply: sudden power line variations
of $\pm 5\%$ do not affect the picture visibly.
- Power consumption:** 200 VA.
- Input signal:** 1 volt peak to peak composite signal into 75 ohms.
(White positive-going, sync signal negative-going).
or
.7 volt peak to peak video signal plus separate composite
sync signal (sync signal negative-going).
Permissible input signal variation from nominal
value: +3 dB to -6 dB.
- Remote control
facilities:** Brightness, contrast, and focus.
- Video amplifier:** Linear within ± 1 dB up to 7 Mc/s.
Rise time: .05 usec.
Overshoot: Less than 10%, f greater than 7 Mc/s.
- Black level control:** Simple diode restorer.
- Hum:** Superimposed hum in the picture signal not visible
at normal amplification. Displacements caused by
hum less than .2% of picture height or width.
- Synchronizing:** Direct. (Means are provided for the addition of a
line flywheel via a multiconnector).
- Sync separator:** Permits variation of input signal from +10 dB to -20 dB.





Geometry and
linearity:

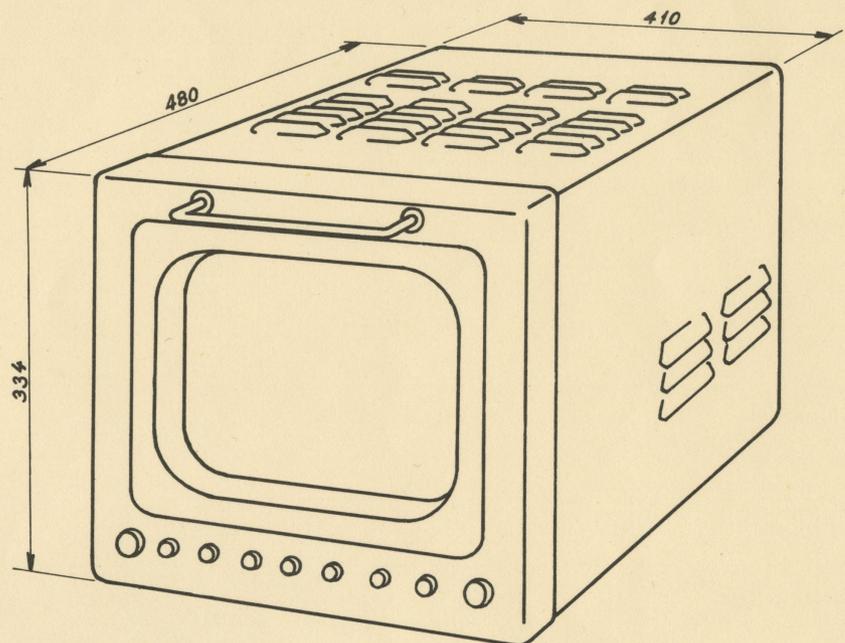
Displacement of a picture element from its
ideal position is less than 2% of picture
height or width.

Front-panel controls:

Brightness
Contrast
Focus
Horizontal hold
amplitude
centering
Vertical hold
amplitude
centering.

Tube complement:

One AW 36-48, one EAA 91, five ECF 80's, one ECL 82,
one EF 80, two EL 81's, one EL 82, one EL 83, one EY 81,
one 85 A 2, one 6080.



All dimensions in mm.