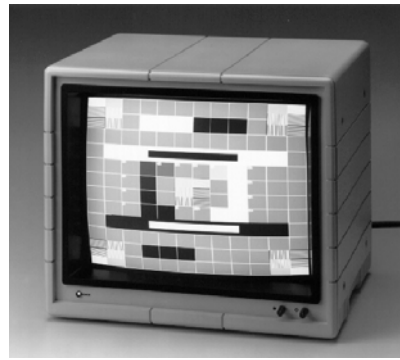




VM 4417-1

17" high-resolution monochrome videomonitor



CRT

- 17" diagonal, deflection angle 110°
- Antireflective coated panel
- Phosphor P4 white, medium-short persistence
- Display area 320 mm x 240 mm (4 x 3)
- Resolution approx. 1500 TV-Lines at a luminance of 68.5 cd/m² in the middle of the picture
- Luminance approx. 250 cd/m² at middle brightness, approx. 500 cd/m² max. brightness

Deflection

- Horizontal 15 kHz...40 kHz (factory adjusted)
- Vertical 40 Hz...120 Hz (factory adjusted)
- Automatic Sync-switch between intern and extern
- Composite Sync
- Separate H- and V-Sync-signals
- Automatic scan of pos.- neg.-Sync-signals
- VCR-Sync-switch on the frontpanel
- Geometry distortion better than 2%
- Linearity distortion better than 2% within the vertical circle and 3% outside

Video Amplifier

- Linear analogue wide-band amplifier
- Video input 1 V_{ss} positiv / 0.3 V Sync
- Impedance switchable 1 kΩ / 75 Ω
- Video loop through
- Bandwidth 40 MHz -3 db typ.
- Contrast ratio 1:10

High Voltage

- 17 kV, stabilized
- Static and double dynamic focus

Video Input

- BNC-connector for Video- and Sync-signals
- Signalground earth connected or separated from protective conductor (100 kΩ parallel 100nF), switchable

Power Supply

- Mains voltage 110 V AC / 230 V AC, rearside switchable 50 Hz / 60 Hz
- Power consumption approx. 80 W

Environmental

- Working temperature: +10 ...+40°C
- Storage temperature: -40 ...+55°C
- Humidity: < 80%, non condensing
- max. working altitude 3000 m

Security

- acc. VDE 0750 / IEC 601
- X-Radiation < 0.5 mR/h acc. RÖV 1973

