Manufacturer : Matrix
A series of 20MHz (model **MOS620**) and 40 MHz (model **MOS640FG** with frequency counter) analogue oscilloscopes.Light, handy and reliable instruments for measuring and surveying electric signals. Fitted with many functions suitable for industrial applications.

Features:
- two channels
- high brightness Toshiba CRT display
- Japan electronic encoder
- displays two waveforms at the same time
- TV signal triggering
- trigger level locking
- x10 time base gain
- high sensitivity 1 mV/div
- XY operation mode
- Z axis input
- CH1 channel output
- built-in 6-digit frequency meter
  (only model **MOS640FG**)
- delivered with two probes

Characteristics:

Model	**MOS620**	**MOS640FG**
Bandwidth	20 MHz	40 MHz
CRT display		
Screen size	104 x 84 mm	
Colour	blue	
Acceleration voltage	2 kV	
Intensity and focus	adjust. on front panel (potentiometers. INTEN and FOCUS)	
Vertical deflection	5 mV ~ 5 V/div	
Rise time	17,5 ns	
Input coupling	AC, GND, DC	
Operating modes	CH1, CH2, DUAL (ALT, CHOP), ADD	

Input impedance	1 MΩ / 30 pF
Max. input voltage	400 V (AC + DC peak-peak)
Horizontal deflection	
Time base	0,2µs/div~0,5s/div (x10MAG;20ns)
Accuracy	±3%(x10%;±5%)
Trigger	
Modes	AUTO, NORM, TV-V, TV-H
Slope	+/- (positive-going or negative-going)
X-Y mode	
Sensitivity	5 mV ~ 5 V/div
Accuracy	±5%
Bandwidth	X axis: DC to 1 MHz
Phase shift	≤3° (DC ~ 50 kHz)
Calibration	
Voltage	2 V ±2%
Frequency	1 kHz ±1,5%
Frequency meter (only model **OS-MOS640FG**)	
Display	6 digit LED
Bandwidth	to 40 MHz
Supply	
Voltage	230 V ±10% 50/60 Hz
Power consumption	35 W
Others	
Dimensions	310 x 150 x 455 mm
Weight	8 kg

Standard equipment:

- 2 probes
- mains cable
- user manuals