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Established 1997. Open Monday - Friday 9am - 5pm and Saturday 9.30am - 4pm

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Second Hand Kenwood SM-230 Station Monitor

£699.00

DESCRIPTION

Second Hand Kenwood SM-230 Station Monitor, The Kenwood SM-230 Station Monitor is a multi-function monitor scope which functions as a band-scope, monitor and tone generator. It is the ideal product for supporting, monitoring and calibrating equipment in radio stations. Features Bandscope $\pm 25/100/250$ kHz 10 MHz Oscilloscope Matches many Kenwood Transceivers Wideband Transmission Monitor RTTY X-Y Tuning Meter Built-in 1000/1575 Hz Two-Tone Generator

SPECIFICATIONS

CRT: 6-inch-square, internal gradations

TRANSMITTED WAVE MONITOR TERMINAL Observable frequency: 1.8-150 MHz Maximum power: 1.8-80 MHz 2kW PEP (up to 5 min at max A TT) throughput: 30-150 MHz 100W PEP Deflection: 1.8-80 Hz More than 1 div sensitivity (input, 5 W): 30-150 MHz More than 0.6 div Attenuator : 6-step

TWO-TONE OSCILLATOR PORTION Oscillator frequencies: 1,000 Hz, 1,575 Hz : $\pm 10\%$ Output voltage: 5 mV (in TWO-TONE mode) : $\pm 20\%$ Output impedance: 600 ohm

BAND SCOPE PORTION ("SLOW" SCAN SPEED) Input center frequency: 8.830 MHz Resolution: 1 kHz (6 dB bandwidth) Input sensitivity: More than 1 div per 10 /LV rms SCAN width: ± 25 kHz, : ± 100 kHz, : ± 250 kHz selectable Marker precision: $\pm 10\%$ (Marker displayed only in : ± 25 kHz range)

OSILLOSCOPE PORTION Vertical Unit: Deflection sensitivity: 10mV/div-10V/div: $\pm 5\%$ Frequency DC: DC - 10 MHz (- 3 dB) characteristics AC: 5 Hz - 10 MHz (- 3 dB) Input impednace: 1 Mohm : $\pm 2\%$, Less than 50 pF Attenuator: 1, 1/10, 1/100, and GND (interrange deviation: less than : $\pm 3\%$) I A\ Maximum tolerable input voltage 250 V (DC + ACpeak) or input voltage 500 Vp-p (below 1 kHz) Sweep circuit: Sweep mode: trigger sweep (in absence of signal, auto free run) Sweep frequency: 10Hz - 100 kHz (4 ranges and interranging fine adjust possible) Sweep linearity: Less than 5 % Triggering: Trigger sensitivity: Less than 1 div (10Hz - 10 MHz sine wave) Trigger level: FIX mode Coupling: AC Polarity: Rising Calibration voltage: Amplitude: 0.5 Vp-p : $\pm 3\%$ square wave, + polarity Frequency: 1 kHz : $\pm 5\%$

X-TUNE PORTION Sensitivity : 300 mV/8 div : $\pm 20\%$ Input impedance: 50 kohm : $\pm 20\%$ (at 1 kHz) Frequency characteristic: 100 Hz - 10kHz (within - 3 dB)* Maximum tolerable input voltage: 3 Vrms [4.5 V (DC + ACpeak)]

POWER SOURCE Source voltage: AC 100V, 120V, 220V: $\pm 10\%$, 216-250V 50/60 Hz Power consumption: 29W

DIMENSIONS: (WHD) 266 x 155 x 427mm

WEIGHT: Approx. 7.5 kg

note: ** SECOND HAND ITEM ** 0% VAT.