TAYLOR RF/VIDEO MEASUREMENT INSTRUMENTS

MEASUREMENTS MADE EASY

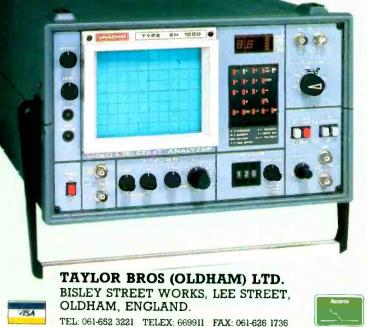


UNAOHM	FSM5987 T.V. FIELD STRENGTH METER
INPUT Sensitivity:	
aensicivicy:	from 20dBuV to 110dBuV (-40dBmV to 50dBmV) or 10uV to 0.3V, in eight 10dB steps.
Reading:	dB reading proportional to peak value for video signals; proportional to mean value for AM or FM sound signals. For both signals scale calibrated to rms value and expressed in dBuV. Two more scales are available: volt from 0 to 50, and ohm from 0 to 2000 ohm. Battery status is also provided.
Accuracy:	+/- 3dB for bands I & III +/- 6dB for bands H & IV/V
Impedance:	75 ohm unbalanced; OC component blocked up to 100V.
FREQUENCY	
Range:	46 to 860 MHz as follows: Band I 46 to 106MHz III 106 to 206MHz H 206 to 460MHz IV/V 460 to 660 MHz
Reading:	4 digit LCD readout. 100KHz resolution.
Price:	£378.00 exc. VAT and Carriage.

-			
Frequency Range:	Continuously adjustable via a geared-down vernier as follows: IF 38.9MHz Band I 46 to 106MHz FM Band 88 to 108MHz Band II 106 to 290MHz Band II 29 to 460MHz Band U 460 to 860MHz		
Frequency Reading:	TV Bands — 4 digit counter with 100KHz resolution FM Band — 5 digit counter with 10KHz resolution Reading Accuracy: reference Xtal +/-1 digit.		
Function: TV Monitor	NORMAL: picture only ZOOM : 2 to 1 horizontal magnification of picture picture + line sync pulse (with chromaburst if TV signa is coded for colour)		
Panorama:	panoramic display of the frequency spectrum within the selecter band and of tuning marker.		
Panorama Expansion:	Adjustable expansion of a portion of the spectrum around the tune frequency.		
Analogue Measurement:	20 to 40dB. Static measurement of received signal. Scale calib- rated in dBuV (at top of picture tube) to rms value of signal level.		
DC/AC Voltmete	er: 5 to 50V.		
Measurement Range:	20 to 130dBuV in ten 10dB attenuation steps for all bands; -60 to 130dBuV in nine 10dB steps for IF.		
Measurement Indication:	ANALOGUE: brightness stripe against calibrated scale superimposed on picture tube. The stripe length is proportiona to the sync peak of the video signal.		
Video Output:	BNC connector. 1Vpp max on 75 ohm.		
DC Output:	+12V/50mA max. Power supply source for boosters & converter		
TV Receiver:	tunes in and displays CCIR system I TV signals. Other standards upon request.		
Additional Features:	 Video input 75 Ohm. (2) 12V input for external car battery. Output connector for stereo earphones. 		
Price:	£1344.00 exc. VAT and Carriage.		



UNIAONINA EU 4000



AX: 061-626	1736	<u> </u>	Price:	
ENTERI	ON REPL	YCARD		

UNAUMINI EM	1000 TELETEXT AND VIDEO ANALYZER			
Function:	Eye Pattern: display of RF and video-frequency teletext signals by means of eye pattern diagrams both in linear representation and lissajous figures (0 and X). Line selection: display of video signals and line by line selection. Measurement of modulation depth. Teletext: monitoring of teletext pages.			
RF Input:	Freq. Range: 45 to 860MHz. Frequency synthesis, 99 channel recall facility, 50KHz resolution, 30 channel digital memory. Level: 40 to 120dBuV; attenuator continuously adjustable. Indication of the minimum level for a correct operation of the instrument. Impedance: 75 ohm. Connector type: BNC.			
Video Frequency Input:	Minimum Voltage: 1Vpp. Impedance: 75 ohm or 10K ohm in case of a through-signal. Connector type: BNC.			
Teletext Input:	Voltage: 1Vpp/75 ohm.			
Teletext Clock Input:	Voltage: 1Vpp/75 ohm. Measurement: Aperture of eye pattern: linear or Lissajous figures, selectable. Indication: directly on the picture tube. A calibrated scale shows percentage of eye pattern aperture. Error: the instrument introduces an error of $\leqslant 5\%$ with video input and 20% with RF input. Jitter on regend clock: $\leqslant 25 ns.$ Line selector: Selection of any TV line between the 2nd and the 625th scanning cycle by means of a 3 digit thumbwheel switch.			
Oscilloscope:	VERTICAL CHANNEL: Sensitivity: 0.5 to 2Vpp/cm. Frequency Response: DC to 10MHz. Rise time: pre & overshoot $\leq 2\%$. Input Coupling: AC. Input Impedance: 75 ohm/50pF. TIME BASE: Sweep Range: 20 to 10ms [1.1/2 frames]; 32; 64/1920s [1/2; 1; 3 lines]. Linearity: +/-3%. Horizontal Width: 10 divisions; x5 magnification.			
Price:	£1670.20 exc. VAT and Carriage.			