

**Low Resistance Meter - continued**

**Micro and Milli Ohmeter - continued**

**BS407 - continued**

Mfrs. List No.	Order Code	1+	+	+
BS407	381-2364	46,017.00	--	--
<b>Standard Calibration Charge</b>		S <b>C10</b>	<b>B</b>	<b>B</b>
<b>UKAS Calibration Charge</b>		N <b>C10</b>	<b>B</b>	<b>B</b>

Trigger Source VERT, CH1, CH2, LINE, EXT  
 Acquisition Digitizer 8 bit ADC x 2  
 Max. Sampling Rate 500MSa/s for equivalent time sampling  
 20MSa/s for normal sampling  
 Storage Bandwidth Single Shot: DC-5MHz Repetitive: DC-50MHz  
 Operation Mode Auto, Norm, Single, Single-Roll, Roll, X-Y  
 Storage Bandwidth DC-50MHz (-3dB)  
 Dimensions / Weight 130 x 275 x 371mm / 8.64kg

Mfrs. List No.	Order Code	1+	+	+
72-7230	491-1982	57,489.00	--	--
<b>Standard Calibration Charge</b>		S <b>C17</b>	<b>B</b>	<b>B</b>
<b>UKAS Calibration Charge</b>		N <b>C17</b>	<b>B</b>	<b>B</b>

**Oscilloscopes & Accessories**

**20MHz Dual Channel Oscilloscopes**  
 72-6800 & 72-6805



H = 150, W = 310, D = 455mm



H = 150, W = 310, D = 455mm

A range of high quality 20MHz dual channel oscilloscopes featuring many functions found on much more expensive oscilloscopes. The 72-6805 also features a 1MHz function generator.

- 20MHz Dual channel
- 6" rectangular CRT with internal graticule (8x10 DIV display area)
- High sensitivity (1mV/DIV)
- X-Y operation
- Z axis input
- CH1 output
- TV synchronisation
- Multiple triggering function including ALT function
- 1MHz function generator (72-6805 only)

Vertical System		Triggering	
Operating Modes	CH1, CH2, DUAL (ALT/CHOP), ADD	Modes	AUTO, NORM, TV-V, TV-H
Input Voltage	250V pk (300V pk on 72-6805)	Sources	CH1, CH2, ALT, LINE, EXT
Sensitivity	5mV/div to 5V/div ±3%	Coupling	AC
Bandwidth	DC to 20MHz (-3dB)	Slope	+ Or -
Rise Time	17.5ns	<b>X-Y Operation</b>	
Input Impedance	1MΩ	Sensitivity	5mV to 5V/div ±4%
Coupling	AC, DC, GND	Bandwidth	DC to 500kHz
CH1 Output	20mV/div	Phase Difference	<3
<b>Horizontal System</b>		<b>Z-Axis</b>	
Sweep Time	0.2μs/div to 0.5s/div ±3%	Sensitivity	>5V pk-pk
X-Mag	x10	Frequency Response	DC to 2MHz

Mfrs. List No.	Order Code	1+	+	+
GOS-620	491-1842	19,099.00	--	--
72-6800	491-1842	19,099.00	--	--
72-6805	428-3958	21,594.00	--	--
<b>Standard Calibration Charge</b>		S <b>C17</b>	<b>B</b>	<b>B</b>
<b>UKAS Calibration Charge</b>		N <b>C17</b>	<b>B</b>	<b>B</b>

**50MHz Analogue/Digital Combination Oscilloscope**  
 72-7230



A handy combination analogue/digital acquisition modes offers the best of both measurement worlds. Use analogue mode when you need true real time acquisition, use digital mode when you need to set pre trigger events, save and recall waveforms or freeze transients

- 6" high brightness CRT
- 10KV accelerating potential
- Front panel focus / intensity / illumination control
- Equivalent sampling time: 500MS/s MAX
- Pre-trigger function: 0-10 DIV
- Cursor readout and Z axis input
- Panel setting save/recall: 10 sets
- Waveform save/recall: 10 sets
- RS-232C interface
- Roll mode to 100S/DIV
- Averaging function: (2-256)
- Smoothing function: On/Off
- Roll mode to 100S/DIV
- Alt-mag function: x5, x10, x20
- Includes two 10:1 probes

Sampling Rate	Digital Mode: 20MS/s, 2K/CH, Analogue Mode: 100MS/s
Max Sweep Rate	10ns/DIV
Frequency Bandwidth (-3dB)	1mV - 2mV/DIV: DC-7MHz 5mV - 20V/DIV: DC-50MHz
Input Voltage	Max. 400V (DC+ACpk)
Trigger Mode	AUTO, NORM, TV

**100MHz Dual Channel Oscilloscope**  
 72-6820



H = 150, W = 310, D = 455 (mm)

A Multi-function, dual channel oscilloscope with cursor readout, delayed sweep and a large bandwidth. Supplied with two probes and a power lead.

- 100MHz Dual channel
- 6" rectangular CRT with internal graticule (8x10 DIV display area)
- Cursor readout with 7 measurements
- High stability and reliability
- LED indicators
- Delayed sweep permits the leading edge of waveforms to be viewed
- Time base auto-range
- 10x set-up memories and set-up lock of digital control functions
- Z axis modulation input
- Hold Off function
- TV synchronisation
- Multiple triggering functions and trigger output

Vertical System	
Operating Modes	CH1, CH2, DUAL (ALT/CHOP), ADD, CHS INV
Input Voltage	400V pk
Sensitivity	2mV/div to 5V/div, 11 step
Bandwidth	DC 100MHz
Rise Time	3.5ns
Input Impedance	1MΩ
Coupling	AC, DC, GND
<b>Horizontal System</b>	
Operating Modes	MAIN (A), ALT, DELAY (B)
Sweep Time	Range A: 50ns/div to 0.5s/div ±3% Range B: 50ns to 50ms
X-Mag	x10
Sweep Mode	AUTO, NORM, SINGLE
Delay Time	1μs to 5s
Delay Time Jitter	<1:200000
<b>Triggering</b>	
Sources	CH1, CH2, ALT, LINE, EXT
Coupling	AC, DC, HFR, LFR
Slope	+ Or -
Output	25mV/div approx. DC to 10MHz
<b>X-Y Operation</b>	
Mode	X and Y axis modes selectable
Sensitivity	2mV to 5V/div ±3%
Bandwidth	DC to 500kHz
Phase Difference	<3
<b>Z-Axis</b>	
Sensitivity	>5V pk-pk
Frequency Response	DC to 5MHz

Mfrs. List No.	Order Code	1+	+	+
72-6820	428-3971	73,313.00	--	--
<b>Standard Calibration Charge</b>		S <b>C18</b>	<b>B</b>	<b>B</b>
<b>UKAS Calibration Charge</b>		N <b>C18</b>	<b>B</b>	<b>B</b>

**150MHz & 250MHz Digital Storage Oscilloscopes**  
 72-7235 & 72-7240

