

TECHNICAL SPECIFICATIONS	OX 863B	OX 803B	OX 530	OX 520B
• Vertical deflection				
Bandwidth	150 MHz	40 MHz	35 MHz	20 MHz
Cathode ray tube	15.5 kV	2 kV	2 kV	2 kV
Number of channels	2	2	2	2
Input impedance	1 M Ω / 15 pF	1 M Ω / 25 pF	1 M Ω / 25 pF	1 M Ω / 25 pF
Max. input voltage	$\pm$ 400 Vmax	$\pm$ 400 Vmax	$\pm$ 420 Vmax	$\pm$ 420 Vmax
Sensitivity	2 mV to 5 V/div.	1 mV to 20 V/div.	5 mV to 20 V/div.	5 mV to 20 V/div.
Continuous gain adjustment	1 to 2.5	1 to 2.5	1 to 2.5	1 to 2.5
Operating modes	CH1, CH2, -CH2, ALT, CHOP, ADD, XY, BWL	CH1, CH2, -CH2, ALT, CHOP, ADD, XY, Component test	CH1, CH2, -CH2, ADD, XY, ALT and CHOP automatic	CH1, CH2, -CH2, ADD, XY, ALT and CHOP automatic
• Horizontal deflection				
Time base	2	1 + Delay	1	1
Sweep speed	100 ms to 50 ns/div.	200 ms to 50 ns/div.	200 ms to 50 ns/div.	200 ms to 50 ns/div.
L.V . expansion	10 (max 5 ns/div.)	10 (max 10 ns/div.)	10 (max 10 ns/div.)	10 (max 10 ns/div.)
Continuous adjustment	1 to 2.5	1 to 2.5	-	-
XY mode	4 MHz	2 MHz	2 MHz	2 MHz
HOLD-OFF	1 to 10 div.	1 to 10 div.	-	-
Z modulation input	20 MHz	4 MHz	-	-
Triggering	160 MHz	75 MHz	40 MHz	40 MHz
Source	CH1, CH2, ALT, EXT, LINE	CH1, CH2, ALT, EXT, LINE	CH1, CH2, ALT, EXT, LINE	CH1, CH2, ALT, EXT, LINE
Coupling	DC, AC, LFR, HFR, Mode TV*	DC, AC, LFR, HFR, TVV, TVH	DC, AC, LFR, HFR, TVV, TVH	DC, AC, LFR, HFR, TVV, TVH
Sensitivity	Int.: 0.5 to 2 div. Ext.: 100 to 300 mV	Int.: 0.5 to 1.5 div. Ext.: 60 to 700 mV	Int.: 0.5 to 1.5 div. Ext.: 50 to 700 mV	Int.: 0.5 to 1.5 div. Ext.: 50 to 700 mV
• Specific features				
Compens. Probe ratio	x 1, x 10, x 100	-	-	-
UNCAL CH1, CH2	Yes	Yes	Yes	Yes
Measurement cursors	Δ V, Δ T, 1/ Δ T, ϕ	-	-	-
Component test	-	18 Vcc / 9 mA max Banana socket	-	-
TV (PAL, SECAM, NTSC) Synchro.	525, 625, or 1 to 1250 lines	TV line and frame	TV line and frame	TV line and frame

* ALL: synchro. of video signal on all lines - CPT: synchro. on the chosen line.

GENERAL SPECIFICATIONS	OX 863B	OX 803B	OX 530	OX 520B
Memorised set-up	1	1	1	1
Readout	Yes	-	-	-
Interfaces and software	(HA1267) Optional	(HA1255) Optional	-	-
Operating temperature	0 to 40 °C	0 to 50°C	0 to 40 °C	0 to 40 °C
Storage temperature	-20 to 70°C	-20 to 70°C	-20 to 70°C	-20 to 70°C
Universal supply	94-264 V (45/440 Hz)	94-264 V (48/440 Hz)	94-264 V (48/440 Hz)	94-264 V (48/440 Hz)
Dimensions L x W x H	435 x 330 x 163 mm	435 x 330 x 163 mm	435 x 330 x 163 mm	435 x 330 x 163 mm
Weight	5.5 kg	6.3 kg	5.5 kg	5.5 kg
IEC 61010 safety	Cat. II, 400 V	Cat. II, 400 V	Cat. II, 400 V	Cat. II, 400 V
Warranty	2 Yrs	2 Yrs	2 Yrs	2 Yrs