

Technical specifications		OX 6062B	OX 6202B
MAN-MACHINE INTERFACE			
Type of display	5.7" colour LCD screen (1/4 VGA) - 320 x 240 – CCFL backlighting (adjustable standby mode)		
Display mode	500 real acquisition points on screen – Vectors with interpolation, envelope and averaging (2, 4, 16, 64)		
Display of curves on-screen	2 curves + 2 references – Totalization modes (recent acquisition are brighter coloured)		
Screen commands	Touch screen – "Windows-like" menus and graphic commands		
Choice of language	5 complete languages, menus & online help (French, English, German, Spanish, Italian)		
OSCILLOSCOPE MODE			
Vertical deflection			
Bandwidth	60 MHz	200 MHz	
	15 MHz bandwidth limiter, 1.5 MHz or 5 kHz		
Number of channels	2 metal BNC channels connected to the earth		
Input impedance	1 MΩ ± 0.5 %, approx. 15 pF		
Maximum input voltage	300 V / CAT II - 420 Vpk (DC +peak AC at 1 kHz) without 1/10 probe – Derating of -20 dB per decade from 100 kHz		
Vertical sensitivity	Calibres from 2.5 mV to 100 V/div – Accuracy ± 2 %		
Vertical zoom	"One Click Winzoom" system (10-bit converter and direct on-screen graphic zoom) – x 16 max		
Probe factors	1 / 10 / 100 / 1,000 – definition of measurement unit		
Horizontal deflection			
Sweep speed	Calibres from 1 ns/div to 200 s/div., accuracy ± [50 ppm +500 ps]		
Horizontal zoom	"One Click Winzoom" system (direct on-screen graphic zoom), x 1 to x 5 or x 100 with "50-kpoint memory" option		
Triggering			
Mode	On both channels CH1 and CH4: automatic, triggered, one-shot, auto level 50 %		
Type	Edge, pulse width (16 ns - 20 s), delay (120 ns to 20 s), count (3 to 16,384 events), TV frame or line number (525 = NTSC or 625 = PAL/SECAM) – Continuous adjustment of Trigger position		
Coupling	AC, DC, HFR, LFR – Hold-Off adjustable from 160 ns to 30 s		
Digital storage			
Maximum sampling rate	50 GS/s in ETS mode – 1 GS/s in one-shot mode on each channel		
Vertical resolution	10 bits		
Memory depth	2,500 points/channel and up to 50,000 points/channel with the "Extended Acquisition Memory" option		
User memory	2 MB for storing files: trace, text, configuration, math functions, print files, image files, etc.		
"Windows-like" file management	+ large-capacity removable SD-Card (512 MB to 2 GB)		
GLITCH mode	Duration ≥ 2 ns – 1,250 Min/Max pairs (up to 25,000 pairs with the "Extended Acquisition Memory" option)		
Display modes	Envelope, averaging (factors 2 to 64), totalization and XY (vector)		
Other functions			
AUTOSET	Complete in less than 5 s, with recognition of the channels – Frequency > 30 Hz, 25 mVpp to 400 Vpp		
FFT analyser & MATH functions	FFT (Lin or Log) with measurement cursors - + , - , x and / functions and mathematical function editor		
Cursors	2 cursors: simultaneous V and T or Phase – 10-bit resolution, 4-digit display		
Automatic measurements	20 time or level measurements – 10-bit resolution, 4-digit display		
MULTIMETER MODE			
Basic features	2 channels – 4000 cts max. + min/max bargraph – TRMS – Time/date-stamped graphic recording (5 min to 1 month)		
AC, DC and AC + DC voltages	300.0 mV to 300.0 VRMS, 400.0 mV to 400.0 VDC – VDC accuracy 0.5 %R +15 D – 200 kHz bandwidth		
Resistance	80.00 Ω to 32.00 MΩ – accuracy 0.5 %R + 25 D – 10 ms quick continuity test		
Other measurements	Capacitance: 5 nF to 5 mF / Frequency: 200.0 kHz / Diode test: 3.3 V		
Triggering on measurement window	2 monitored channels, adjustable fault duration – Up to 200 time/date-stamped faults stored in ".txt" file		
HARMONIC ANALYSER MODE (option)			
Multi-channel analysis	2 channels, 61 orders, fundamental frequency from 40 Hz to 450 Hz in automatic or manual mode		
Simultaneous measurements	Total Vrms, THD and selected order (% fundamental, phase, frequency, Vrms)		
RECORDER MODE (option)			
Duration / Sampling interval	2 s to 1 month / 800 μs to 18 min (40 μs to 53 s with the "Extended Memory Acquisition" option)		
Recording conditions	On thresholds or window, simultaneous conditions on several channels, with adjustable duration starting at 160 μs		
Analysis of recordings	Scale and physical units, automatic or cursor measurements, search for time/date-stamped faults, zoom, etc.		
General specifications			
Configuration memory	Not limited – ".CFG " file size: approx. 1 kB		
Printing	Network printer via 10 Mb Ethernet, RS232 or Centronics (option) or VIRTUAL PRINTER print server		
PC communication	10 Mb Ethernet, RS232 (option) or USB – "SX-Metro" PC application software (option)		
Network	10 Mb remote Ethernet, Web server (remote control, "real-time" trace, cursors and automatic measurements) FTP server (for exchanging files with a PC), FTP client (storage on PC hard disk), administration utility		
Mains power supply	Universal 100-240 V / 47-63 Hz / 20 VA max with removable cable		
Safety / EMC	Safety according to IEC 61010-1, 2001 - 300 V CAT II – EMC as per EN61326-1, 2006		
Mechanical specifications	225 (h) x 190 (w) x 215 (d) mm – 1.9 kg		
Warranty / origin	Lifetime warranty / FRANCE		