OTHER PRODUCTS FROM CHAUVIN ARNOUX® GROUP

Handscope

► SPECIFICATIONS



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Special product features

Models 0X5022 & 0X5042

The only oscilloscopes on the market with isolated channels that fit into one hand





MODELS	0X5022	OX5042	
INTERFACE			
Display	3.5" color TFT LCD screen; Resolution 320 x 240 – LED backlighting		
Commands	Direct adjustments on front panel & on-screen menus via browser (principal & secondary without "hidden menus")		
Display Mode	2500 real acquisition points on screen		
Display of Curves on Screen	2 curves + 2 references + memory trace or mathematical calculation		
Integrated Interactive	11 languages: French, English, German, Spanish, Italian, Swedish,		
Help Function	Romanian, Russian, Finnish, Polish, Dutch		
OSCILLOSCOPE MODE			
Vertical Deflection			
Bandwidth	20MHz	40MHz	
Bandwidth Limiter	1.5MHz, 5kHz		
Number of Channels	2 totally isolated channels		
Input Impedance	$1M\Omega \pm 0.5\%$, approx. 17pF		
Maximum Input Voltage	600V CAT III – Derating -20dB per decade from 100kHz		
Vertical Sensitivity	5mV to 200V/div		
Horizontal Deflection		all Mada from 100ma to 000a/Jiu	
Sweep Speed	25ns/div to 200s/div – Roll Mode from 100ms to 200s/div		
Horizontal Zoom	Zoom factor: x1, x2, x5		
Triggering Mode	Automatia triagora	d one shot 8 triggered Dell	
Type	Automatic, triggered, one-shot & triggered Roll Edge, pulse width (20ns – 20s)		
Coupling	AC or DC (depending on the coupling of the triggering channel) HF, LF or noise rejection		
Sensitive	\leq 1.2 divisions p-p up to 20MHz	\leq 1.2 divisions p-p up to 40MHz	
Digital Memory			
Maximum Sampling Rate			
Vertical Resolution	9 bits		
Memory Depth	2500 points per channel		
User Storage	2MB for storing files: trace (.trc), text (.txt), configuration (.cfg), image files (.bmp)		
Glitch Mode	Duration \geq 20ns – 1250 min/max pairs		
Display Modes	Envelope, Averaging (factors 2 to 64) and XY (vector)		
Other Functions			
Math Functions	Channel inversion, addition, subtraction,	, multiplication and division (adjustable scaling)	
Cursor Measurement	2 cursors: V, T, dV, dt simultaneously – 4-digit display resolution		
Automatic Measurement	18 time or level measurements and phase measurement		
MULTIMETER MODE			
General Specifications		 Graphic recording of 2700 measurements (5min to 1 month) 	
Operating Modes	Absolute or relative display (absolute, deviation, ref, ref%) – Monitoring (instantaneous, min, max, Avg)		
AC, DC & AC+DC Voltages	Ranges from 600mV to 600Vrms, 800mV to 800Vpc	c – accuracy for Vpc \pm 1% reading+20D –50kHz bandwidth	
Resistance	Range from 80 Ω to 32M Ω - accuracy ±2% reading + 10D –10ms quick continuity test		
Capacitance		basic accuracy $\pm 2\%$ reading $+ 10D$	
Other Measurements	Frequency, rotation speed, 3.3V diode test, temperatur	re measurement (with K-type thermocouple or infrared probe)	
POWER	Cingle phase and belanced three phase active active	(aluge (with an without pourtrel), simultaneous display of surveys	
Measurements	Single-phase and balanced three-phase active power values (with or without neutral), simultaneous display of current		
HARMONIC ANALYZER MODE			
Multi-Channel Analysis		amental frequency from 40 to 450Hz	
Simultaneous Measurements Total VRMS, THD and selected order (% fundamental, phase, frequency, VRMS)			
GENERAL			
Screenshots			
PC Communication		np" format, viewable on the instrument	
	Isolated optical USB interface "SX-	Metro" PC application software (included)	
Power Supply	Isolated optical USB interface "SX- 6 LR6 or 6AA NiMh batteri Universal line adapter isolated from t		



8715 Mesa Point Terrace San Diego, CA 92154 Toll Free: 1.866.363.6634 Tel: 1.619.429.4545 Fax: 1.619.374.7012 Email: sales@calright.com http://www.calright.com

Models 0X5022 & 0X5042

Functional Displays

FEATURES

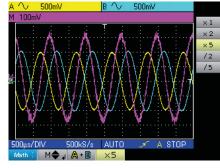
- Two isolated channels
- Three instruments in one
 - 20 or 40MHz oscilloscope
- Double 8000-count TRMS multimeter / Power analyzer
- Harmonic analyzer
- 3.5" color LCD screen LED backlighting technology
- Integrated interactive multilingual help function
- 2MB recording data
- Store graphic recordings of 2700 measurements (5min to 1 month)
- Communication via isolated USB SCPI protocol

► PRODUCT INCLUDES

"Hands-free" soft carrying case, set of two color-coded (red/black) 5ft silicone leads, set of two color-coded (red/black) alligator clips, set of two color-coded (red/black) needle tip probes, two 10:1 600V/BNC-M probes, one 100 to 240V power supply (12V output), one US power plug adapter (115/230V), one 4mm banana plug adapter, optical USB cable, six NiMH 1.2V rechargeable batteries, SX-METRO software on CD-ROM, user manual on CD-ROM.

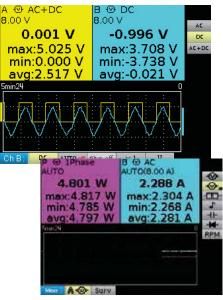


High Performance



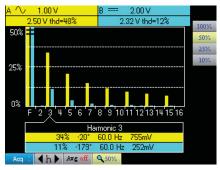
Automatically displays measurements for both isolated channels from your choice of 19 measurement types.

Two Independent 8000-count TRMS Digital Multimeters



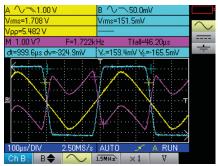
Instantly displays measurements in multimeter mode at the press of a button.

Harmonic Analyzer



Measures two channels of individual harmonic content up to the 31st harmonic.

Storage Communication & PC Software



View real-time measurements on your PC, configure the Handscope, export data to spreadsheet using the SX-Metro included software.

CATALOG NO.

2150.20

DESCRIPTION

Handscope Portable Oscilloscope Model OX5022-CK (2-Channel, 20MHz)



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