

184-524

SEFRAM 5035
35 MHz analogue oscilloscope with Cursors and Readout

Sefram

Higher level performance and powerful facilities, can still be competitive in price.

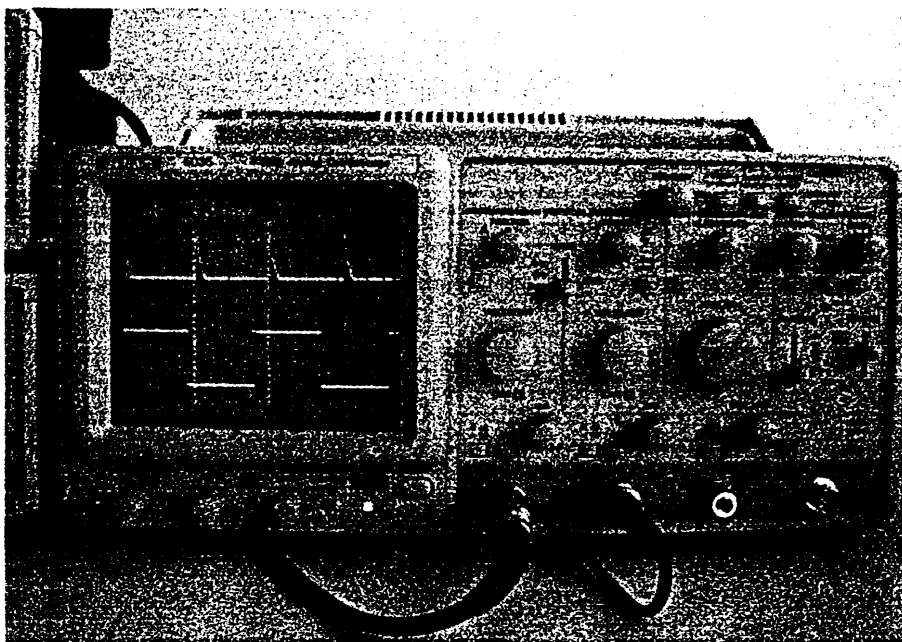
Capabilities

- 35 MHz, dual channel
- Cursors/ Readout
- Probes x 10 / x1
- High sensitivity 1 mV/Div.
- TV, ALT triggering functions
- HOLD OFF function
- CH1 output

A unique standard of performance/price

The SEFRAM 5035 analogue oscilloscope features a 35 MHz bandwidth and a time-base range to 10 ns/div. Thanks to its READOUT function, you can display different parameters such as the horizontal and vertical sensitivity, the triggering mode,...

With the SEFRAM 5035 oscilloscope in your workstation, you will have the solution in terms of performance and price.



SEFRAM 5035

The SEFRAM 5035 is exceptionally easy to use. Its fine-line trace is matched by the clear and comprehensive readouts. The cursors provide precise measurement and direct screen readout of all amplitude and time domain values.

SEFRAM analogue oscilloscopes

The SEFRAM analogue oscilloscopes are your solution for your tests in laboratories, production facilities or educational workstation. Please see their specification in the following selection guide and choose the model that meets your needs.

	SEFRAM 5035	SEFRAM 5020
Vertical system	Bandwidth 35 MHz	20 MHz
	Sensitivity 1 mV/Div.	1 mV/Div.
Horizontal system	Sweep time (10 ns) 100 ns- 0.5 s/div.	(10 ns) 100 ns- 0.5 s/div.
	Expansion x 10	x 10
Trigger	Modes Auto-Level/ Auto/ Norm/ Single	Auto-Level/ Auto/ Norm/ Single
	Sources CH1, CH2, ALT, Sect., Ext.	CH1, CH2, ALT, Sect., Ext.
	Coupling DC, AC, HF Rej., TV-V, TV-H	DC, AC, HF Rej., TV-V, TV-H
Cursors	yes	
Readout	yes	

For any further information, please contact us on +33 (0) 4.77.59.01.01. In U.K., contact us on +44 (0) 1384.402731

TECHNICAL SPECIFICATION

SEFRAM 5035

VERTICAL SYSTEM	Sensitivity/ Accuracy	5 mV/ Div. - 5 V/ Div. / $\pm 3\%$
	Bandwidth	1 mV/ Div. - 2 mV/ Div. / $\pm 5\%$ DC (AC 10 Hz) - 35 MHz (-3 dB)
	Rise time	DC (AC 10 Hz) - 15 MHz (-3 dB) at 1 - 2 mV/ Div.
	Input impedance	10 ns (25 ns at 1 mV - 2 mV/ Div.)
	Input coupling mode	1 M Ω $\pm 2\%$ // approx. 25 pF
	Polarity inversion	AC, DC, GND
	Display mode	CH2
	CHOP frequency	CH1, CH2, DUAL, ADD (ALT and CHOP automatic, CHOP lockable)
	CH1 output signal	Approx. 250 kHz
	Sweep time/ Accuracy	≈ 50 mV/Div. into 50 Ω
HORIZONTAL SYSTEM	Sweep time/ Accuracy	0.1 μ s - 0.5 s/ Div. / $\pm 3\%$
		100 ns - 50 ms/Div. / $\pm 5\%$ (x 10 MAG)
		10 ns - 50 ns/Div. / $\pm 8\%$ (x 10 MAG)
TRIGGER	Modes	Auto-Level, AUTO, NORM, Single
	Trigger Source	CH1, CH2, ALT, LINE, EXT
	Trigger coupling	AC, DC, HF REJ, TV-V, TV-H
	Trigger slope	positive or negative
	Hold-Off	variable > 2 screens
X-Y OPERATIONS	Sensitivity/ Accuracy	1 mV - 5 V/ Div.; $\pm 4\%$
	Bandwidth	DC - 1 MHz
	Phase difference	< 3° (DC - 50 kHz)
Z AXIS	Sensitivity	> 3 Vp-p
	Input impedance	Approx. 5 k Ω
	Frequency response	DC - 5 MHz
Cursors/ READOUT	Measurements	ΔV (for V, %, dB), ΔT , $1/\Delta T$, Phase, duty cycle, phase difference
		Taking the probe coefficient (x 1/ x 10) into account

GENERAL SPECIFICATION

SEFRAM 5035

Calibrator	1 kHz square wave, 2 Vp-p $\pm 2\%$
CRT	Screen
	15 cm rectangular, with internal graticule
	Accelerating voltage
	8 x 10 DIV (1 Div. = 10 mm)
	2.2 kV
Power source	AC 100V/ 120V/ 220V/ 230V $\pm 10\%$, 50/60 Hz, Approx. 70 VA (60 W _{max})
Safety	IEC 1010, 300 V CAT. II
Dimensions & Weight	310 x 150 x 455 mm; 8.2 kg
Warranty	2 years

SUPPLIED WITH

All SEFRAM 5035 oscilloscopes are supplied with a power cord and a user's manual.

OPTIONAL ACCESSORIES

- GE 1521 - Probe for oscilloscope (1/1, 1/10, 150 MHz)
- GE 3121 - Probe for oscilloscope (1/100, 200 MHz, 2 kV)
- GE 8100 - Differential Probe x 20/x 200
- SO 401 - BNC m./ 2 x BNC f. adaptor
- SO 402 - Isolated BNC m/ 2 x banana plugs
- SO 405 - 50 Ω , 2 W Load
- SO 410 - BNC/BNC cable (1m, noir)
- SP 280 - Current transducer for oscilloscope (100 mVAC+DC/1 AAC+DC, 30 A, $\varnothing 19$ mm, Bandwidth 100 kHz)

SP 280 - CURRENT TRANSDUCER

Current Ranges	20 AAC _{rms} / 30 Adc
Analog Output	100 mVAC+DC/1 AAC+DC
Accuracy	$\pm (1\% + 2 \text{ mA})$
Bandwidth	DC - 100 kHz
Max. jaw opening	$\varnothing 19$ mm
Power requirements	1 x 9 V (6F22)
Safety IEC 1010	300 V CAT. III / 600 V CAT. II

To discover the complete range of accessories, contact us and ask for the ELDITEST catalog

Specifications subject to change without notice - FT503500A/98

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For assistance and ordering