

# A complete range of 60MHz DSO

100 Ms/s  
60 MHz

2 channels



SEFRAM 5060D

## Capabilities

- 60MHz Bandwidth , 2 channels
- 8 bit vertical resolution
- Sampling rate 100Ms/s per channel and 25Gs/s (ETS mode)
- 125K memory per channel
- 15 automatic measurements
- B&W LCD
- Detailed on screen help
- RS-232 Interface

1Gs/s  
60 MHz

2 channels



SEFRAM 5062DC

## Capabilities

- 60MHz Bandwidth , 2 channels
- 8 bit vertical resolution
- Sampling rate 1Gs/s and 25Gs/s (ETS mode)
- 25K memory per channel
- 27 automatic measurements and Go-No-Go mode
- Colour TFT LCD
- Detailed on screen help
- USB 2.0 (Host) interface and RS-232
- GPIB interface (factory option)

1Gs/s  
60 MHz

4 channels



SEFRAM 5064DC

## Capabilities

- 60MHz Bandwidth , 4 channels
- 8 bit vertical resolution
- Sampling rate 1Gs/s and 25Gs/s (ETS mode)
- 25K memory per channel
- 27 automatic measurements and Go-No-Go mode
- Colour TFT LCD
- Detailed on screen help
- USB 2.0 (Host) interface and RS-232
- GPIB interface (factory option)

Technical Specification	5060D	5062DC	5064DC
Number of channels	2	2	4
<b>Vertical Mode</b>			
Bandwidth (-3dB)	60MHz	60MHz	60MHz
Resolution	8 bit	8 bit	8 bit
Sensitivity	2mV/div to 5V/div	2mV/div to 5V/div	2mV/div to 5V/div
Rise time	<6,5ns	<5,8ns	<5,8ns
Coupling	AC, DC, GND	AC, DC, GND	AC, DC, GND
Input impedance	1M ohms //22pF	1M ohms //16pF	1M ohms //16pF
<b>Horizontal Mode</b>			
Time base	1ns to 10s /div	1ns to 10s /div	1ns to 10s /div
Display	window, roll, XY	window, roll, XY	window, roll, XY
<b>Acquisition</b>			
Sampling rate	100Ms/s per channel	1Gs/s	1Gs/s
Memory (per channel)	125K words	25Kwords	25Kwords
ETS sampling rate	25Gs/s per channel	25Gs/s	25Gs/s
Mode	single, peak, average	single, peak, average	single, peak, average
<b>Trigger</b>			
Mode	Auto, normal, single, TV, delayed, event, pulse, edge	Auto, normal, single, TV, delayed, event, pulse, edge	Auto, normal, single, TV, delayed, event, pulse, edge
Coupling	AC, DC, LF, noise rejection	AC, DC, LF, noise rejection	AC, DC, LF, noise rejection
XY	yes	yes	yes
Automatic measurement	15 measurements, with FFT	27 measurements, with FFT	27 measurements, with FFT
Cursors	dV, dT, 1/dT	dV, dT, 1/dT	dV, dT, 1/dT
Counter	6 digit	6 digit	6 digit
Autoset	oui	yes	yes
Memory	15 setup, 2 curves	20 setup, 24 curves	20 setup, 24 curves
Autocalibration	yes	yes	yes
External Trigger	yes	yes -	
Help	on screen detailed help	on screen detailed help	on screen detailed help
<b>Interfaces</b>			
USB	USB+Centronics : option when ordering	USB HOST - 2.0	USB HOST - 2.0
RS-232	yes	yes	yes
IEEE-488	option when ordering	option when ordering	option when ordering
<b>General Specification</b>			
Display	LCD, B&W 320x240	TFT LCD coloured 320x234	TFT LCD coloured 320x234
Grid	8x10div or 8x12div without menu	8x10div or 8x12div without menu	8x10div or 8x12div without menu
Power supply	100 - 240V / 48-63Hz (65VA max.)	100 - 240V / 48-63Hz (65VA max.)	100 - 240V / 48-63Hz (65VA max.)
Safety	IEC1010, Cat II -300V	IEC1010, Cat II -300V	IEC1010, Cat II -300V
Dimensions, weight	254 x 142 x 310 mm - 4,1 Kg	254 x 142 x 310 mm - 4,3 Kg	254 x 142 x 310 mm - 4,3 Kg

Optional accessories : see page 54, 55, 56, 57