

DIGITAL OSCILLOSCOPES

2 channels compact DSO, from 40MHz to 100MHz



Sefram 5342DC

40 MHz
250 MS/s
2 CHANNELS

Capabilities

- 2 channels
- Vertical resolution: 8 bit
- Sampling rate: 250Ms/s and 50Gs/s in ETS
- Memory: 4K per channel
- 19 automatic measurement
- Colour LCD display
- USB interface
- SD-CARD interface



Sefram 5362DC

60 MHz
250 MS/s
2 CHANNELS



Sefram 5382DC

100 MHz
250 MS/s
2 CHANNELS

| Technical Specification | 5342DC | 5362DC | 5382DC |
|------------------------------|--|--|--|
| Number of channels | 2 | 2 | 2 |
| Vertical mode | | | |
| Bandwith (-3dB) | 40MHz | 60MHz | 100MHz |
| Resolution | 8 bits | 8 bits | 8 bits |
| Sensibility | 2mV/div to 5V/div | 2mV/div to 5V/div | 2mV/div to 5V/div |
| Rise time | <8,75ns | <5,8ns | <3,5ns |
| Coupling | AC, DC, GND | AC, DC, GND | AC, DC, GND |
| Input impedance | 1M ohms //16pF | 1M ohms //16pF | 1M ohms //16pF |
| Horizontal mode | | | |
| Time bas | 1ns à 10s /div | 1ns à 10s /div | 1ns à 10s /div |
| Display | window, roll, XY | window, roll, XY | window, roll, XY |
| Acquisition | | | |
| Sampling rate | 250Ms/s | 250Mech/s | 250Mech/s |
| Memory (per channel) | 4Kwords | 4Kwords | 4Kwords |
| ETS sampling rate | 25Gs/s | 25Gs/s | 25Gs/s |
| Mode | single, peak, average | single, peak, average | single, peak, average |
| Average | 2, 4, 8, 16, 32, 64, 128, 256 | 2, 4, 8, 16, 32, 64, 128, 256 | 2, 4, 8, 16, 32, 64, 128, 256 |
| Trigger | | | |
| Mode | Auto, normal, single, TV, pulse, edge | Auto, normal, single, TV, pulse, edge | Auto, normal, single, TV, pulse, edge |
| Coupling | AC, DC, LF, HF, noise rejection | AC, DC, LF, HF, noise rejection | AC, DC, LF, HF, noise rejection |
| XY | yes | yes | yes |
| Automatic measurement | 19 measurement, with FFT | 19 measurement, with FFT | 19 measurement, with FFT |
| Cursors | dV, dT, 1/dT | dV, dT, 1/dT | dV, dT, 1/dT |
| Counter | 6 digits | 6 digits | 6 digits |
| Autoset | yes | yes | yes |
| Memory | 15 setup and curves | 15 setup and curves | 15 setup and curves |
| Autocalibration | yes | yes | yes |
| External Trigger | yes | yes | yes |
| Interfaces | | | |
| USB | yes, USB1.1 & 2.0 (device) | yes, USB1.1 & 2.0 (device) | yes, USB1.1 & 2.0 (device) |
| SD Card | yes, for screen image, files and setup | yes, for screen image, files and setup | yes, for screen image, files and setup |
| GENERAL SPECIFICATION | | | |
| Display | TFT LCD coloured 320x234 | TFT LCD coloured 320x234 | TFT LCD coloured 320x234 |
| Menus | french and english | french and english | french and english |
| Grid | 8x10div | 8x10div | 8x10div |
| Power supply | 100 - 240V / 48-63Hz (25VA max.) | 100 - 240V / 48-63Hz (25VA max.) | 100 - 240V / 48-63Hz (25VA max.) |
| Safety | IEC1010, Cat II -300V | IEC1010, Cat II -300V | IEC1010, Cat II -300V |
| Dimensions, Weight | 140x142x310mm - 2,5 Kg | 140x142x310mm - 2,5 Kg | 140x142x310mm - 2,5 Kg |

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