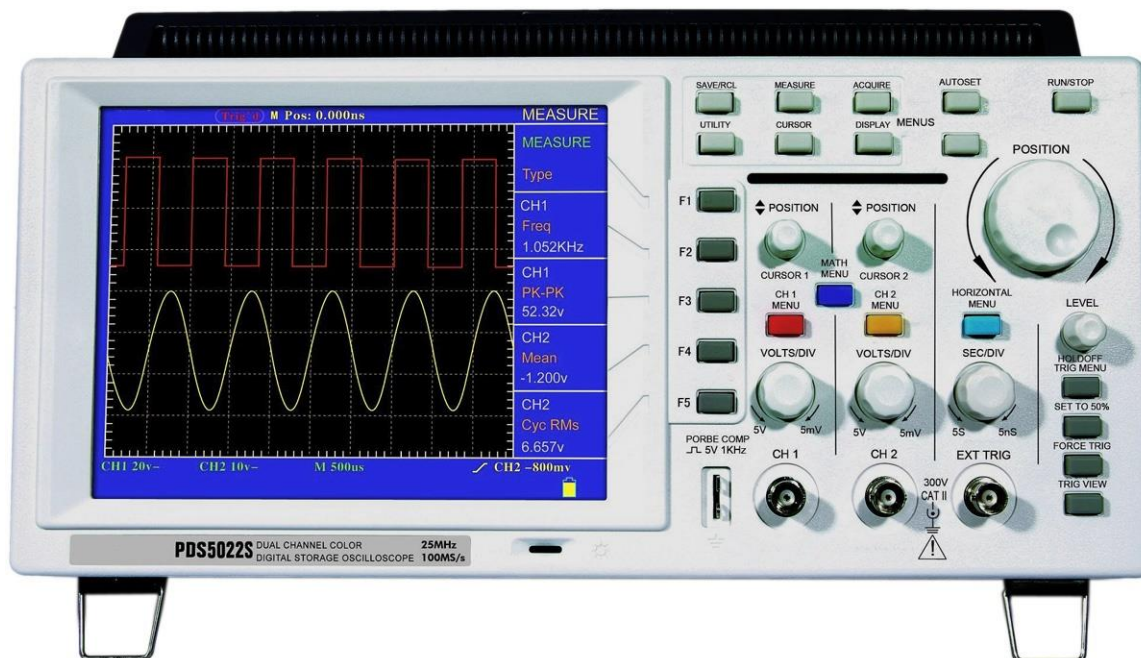


OSCILLOSCOPE OWON PDS5022



The new digital storage oscilloscope PDS5022S offers reliable measurement technology at a really good price.

The colorful LCD panel with a resolution of 640×480 allows an excellent readability of the wave, especially in regards to high data volumes or many waves covered reciprocally.

If you intend to use the oscilloscope professionally, we recommend the [PDS6062T](#) or the [PDS7102T](#) because of their much better LCD (TFT-LCD instead of a STN-LCD).

The PDS5022S offers 25 MHz bandwidth and a sample rate of 100 MSa/s in dual Channel.

Size and weight	PDS5022S
Display	7.8" STN LCD with 260000 colors
Resolution	640×480 Pixel
Size	$350 \times 157 \times 120$ mm (13.78" $\times$ 6.18" $\times$ 4.72")
Weight	1000 g (2.20 lbs)
Supported operation systems	Windows XP(32Bit), Vista(32Bit), Windows 7(32Bit)

Oscilloscope details	PDS5022S
Channels	2
Real-time sample rate	100 MSa/s real time
Bandwidth	25 MHz

Signal	PDS5022S
Max. Input voltage	400 V (peak)
Real-time sample rate	10 Sa/s to 100 MSa/s real time
Time base	5 ns/Div. to 5 s/Div. (Steps 1 - 2,5 - 5)
Memory	5000 points on each channel

Vertical	PDS5022S
Analog digital converter (A/D)	With the resolution of 8 bits, make sampling on both channels synchronously.
Sensitivity range (V/div)	5 mV/Div to 5 V/Div.
Displacement range	±10 Div. (5 mV - 5 V)

Trigger	PDS5022S
Trigger	Channel 1, 2 and external Trigger
Trigger displacement	Pre-Trigger: 655 Divisions Post-Trigger: 4 Divisions
Signal system and line/field frequency (Video triggering mode)	Support the NTSC, PAL and SECAM broadcasting systems of any field or line frequency.

Measurement	PDS5022S
Cursor measurement	Voltage difference (ΔV) and time difference (ΔT) between cursors
Auto measurement	Peak-to-peak value, average value, root mean square value, frequency and cycle.