

Software Options

Software options are available to enhance the operation of a WaveSurfer 3000 oscilloscope. After activating your license key (see p.14), these functions are added to the oscilloscope's menu bar.

Multi-Instrument Options

The **Mixed Signal** option (WS3K-MSO) enables mixed analog and digital input and triggering. The digital leadset is delivered with the purchase of this option. See p.13 and p.25.

The **WaveSource Waveform Generator** option (WS3K-FG) provides stimulus output of Sine, Square, Ramp, Pulse, DC, Noise, and Arbitrary waveforms. See p.33.

The **Digital Voltmeter** option (WS3K-DVM) activates an integrated 4-digit digital voltmeter and 5-digit frequency counter that operates through the same probes already attached to the oscilloscope channels. View real-time and statistical (Min, Max, Avg, Range) measurements through a dedicated user interface display that continues even when your triggering system is stopped. The WS3K-DVM license key can be downloaded from teledynelecroy.com/redeem/dvm at no charge.

Serial Trigger and Decode Options

Serial trigger and decode options provide added insight when debugging serial data standards (see table below). For the most up-to-date list, go to: teledynelecroy.com/serialdata.

To access serial trigger and decode functions, press the front panel Decode button or choose Analysis > Serial Decode from the menu bar.

Serial trigger and decoder setup differs depending on the protocol. For detailed instructions, see the *Trigger and Decode Instruction Manual* linked to each serial data standard on our website.

Part Number	Description
WS3K-AUTO TD	CAN Std. and LIN Trigger and Decoder
WS3K-EMB TD	I ² C, SPI, UART/RS-232 Trigger and Decoder
WS3K-CAN FDbus TD	CAN Std. and CAN FD Trigger and Decoder
WS3K-FlexRaybus TD	FlexRay Trigger and Decoder