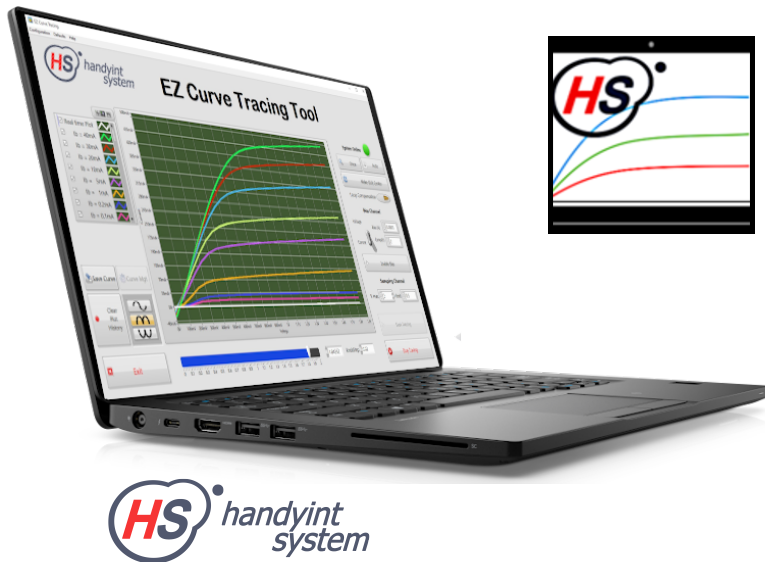# EZ Curve Tracer Software

Datasheet

Key Features

- Simulate Old Tektronix curve tracer behavior

- Real time I-V curve , no setting and waiting time wasted

- Performance guaranteed Keithley SMU platform

- Support both Single and Dual channel mode

- Modern Curve management capability

Tektronix Curve Tracer is one of the most successful instrument in the history, it offers ease of use as well intuitive data presentation.

Decades of years passed, Tektronix curve tracer still plays an important part in the industry, especially in failure analysis, but this hero is old, due to age of the instrument and spare parts shortage, it faces difficulties to last another 5 or 10 years.

However, classic curve tracers never stopped being useful and have continued to remain in demand to this day. Their popularity is due in part to a simple interaction model that modern curve tracers have failed to replicate.

The EZ Curve Tracer software changes everything, it leverages the trusted Keithley SourceMeter® (SMU) hardware platform, takes the advanced software approach to re-create the familiar user experience of a curve tracer on a Keithley SMU platform.

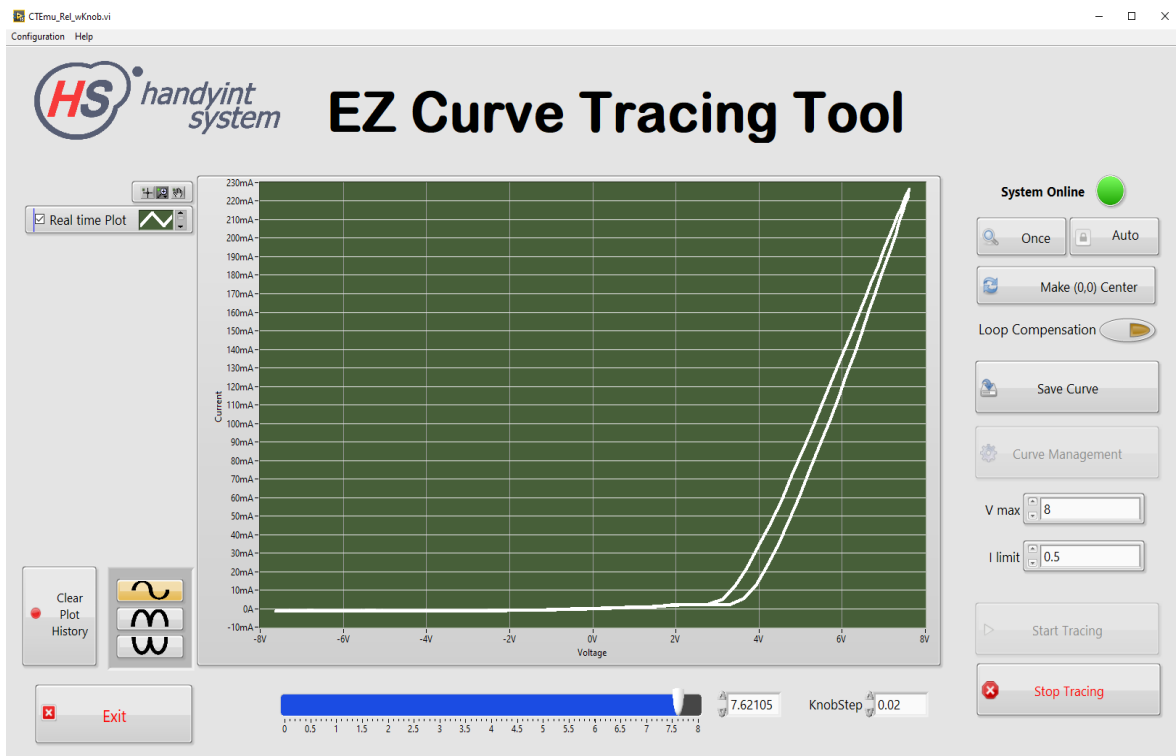The EZ Curve Tracer works with Keithley 24XX TTI SMU and 26XXB system SMU

- 2400XX TTI SMU – Single channel application, suitable for 2-Terminal Device, Resistor, Diode…

- 26XXB System SMU – Single/Dual channel application Channel for 2-Terminal and 3-Terminal Devices, BJT, Mosfet, and so on.

Datasheet

Summary of Supported Keithley SMU models and typical applications

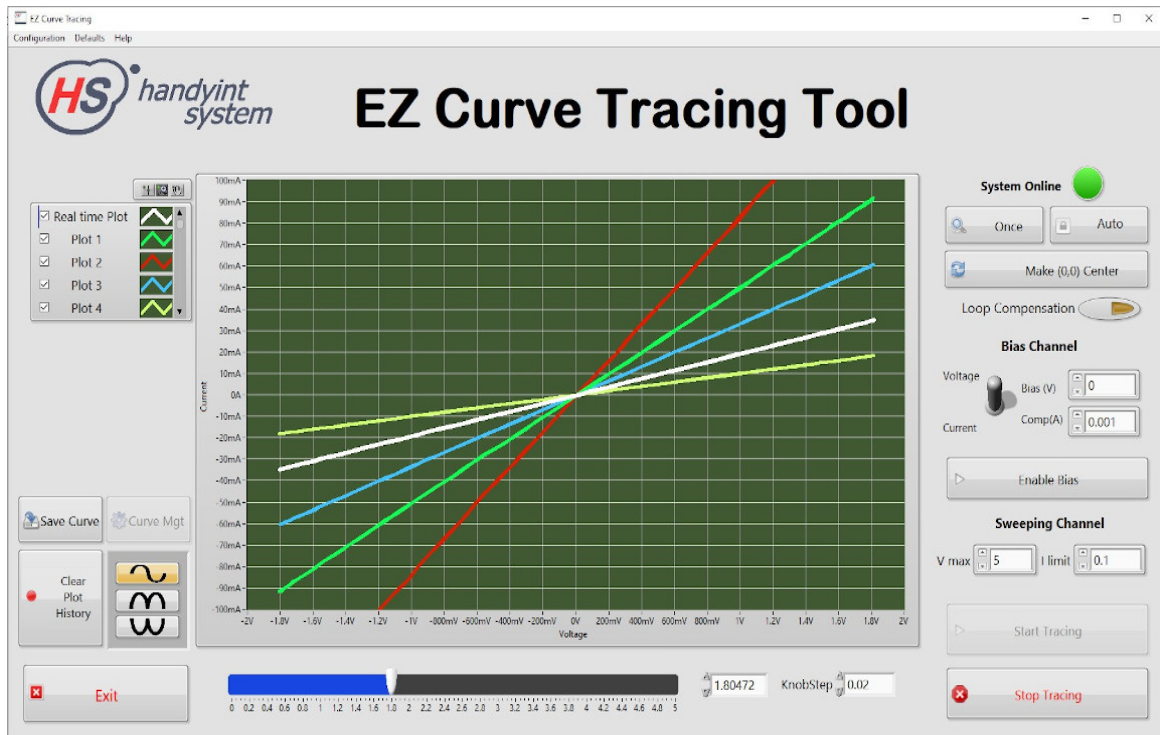| SMU Model	Voltage/Current	Mode	Applications
2450	200V/1A	Single channel Real time DC sweeping	Open/Short, resistor, diode...
2460/2461	100V/7A	Single channel Real time DC sweeping	Open/Short, resistor, diode...
2470	1100V/1A	Real time AC	Open/Short, resistor, diode...
2602B	40V/3A	Real time AC	Open/Short, resistor, diode BJT, Mosfet, ESD diode...
2612B/2636B	200V/1.5A	Real time AC	Open/Short, resistor, diode BJT, Mosfet, ESD diode...

With the real time curve generation capability, EZ curve tracer is capable of fast device IV curve visualization, which is the most powerful feature of old Tektronix curve tracers.
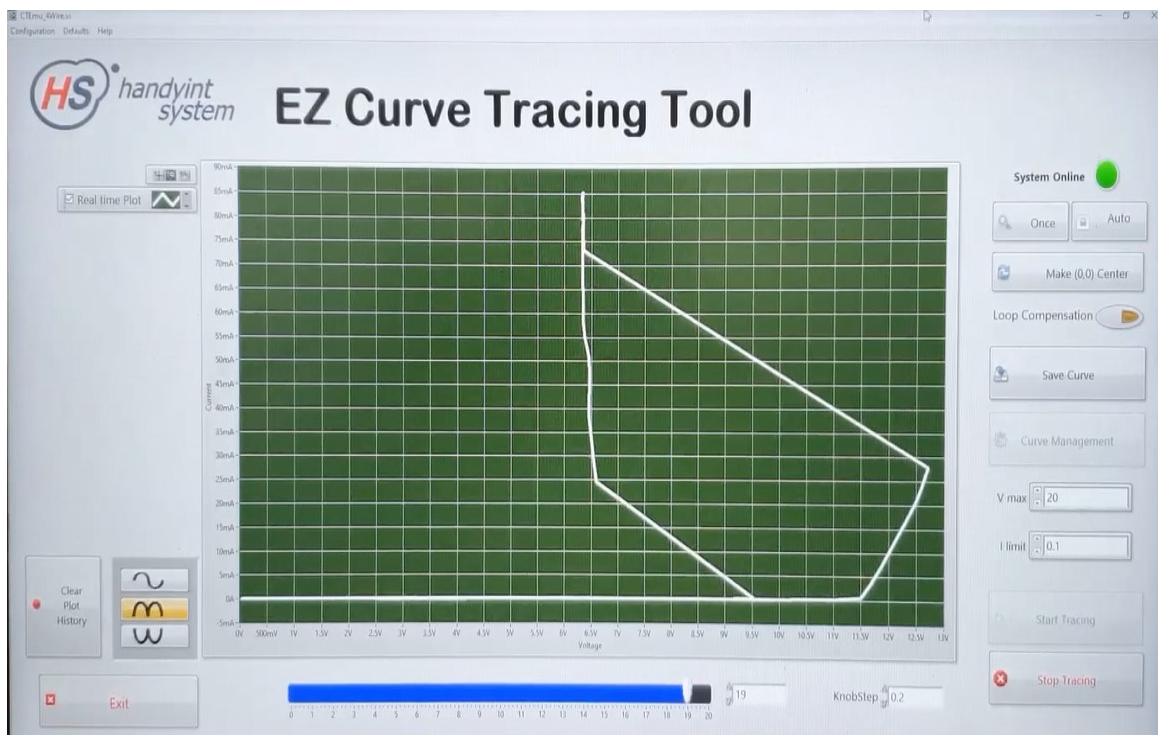

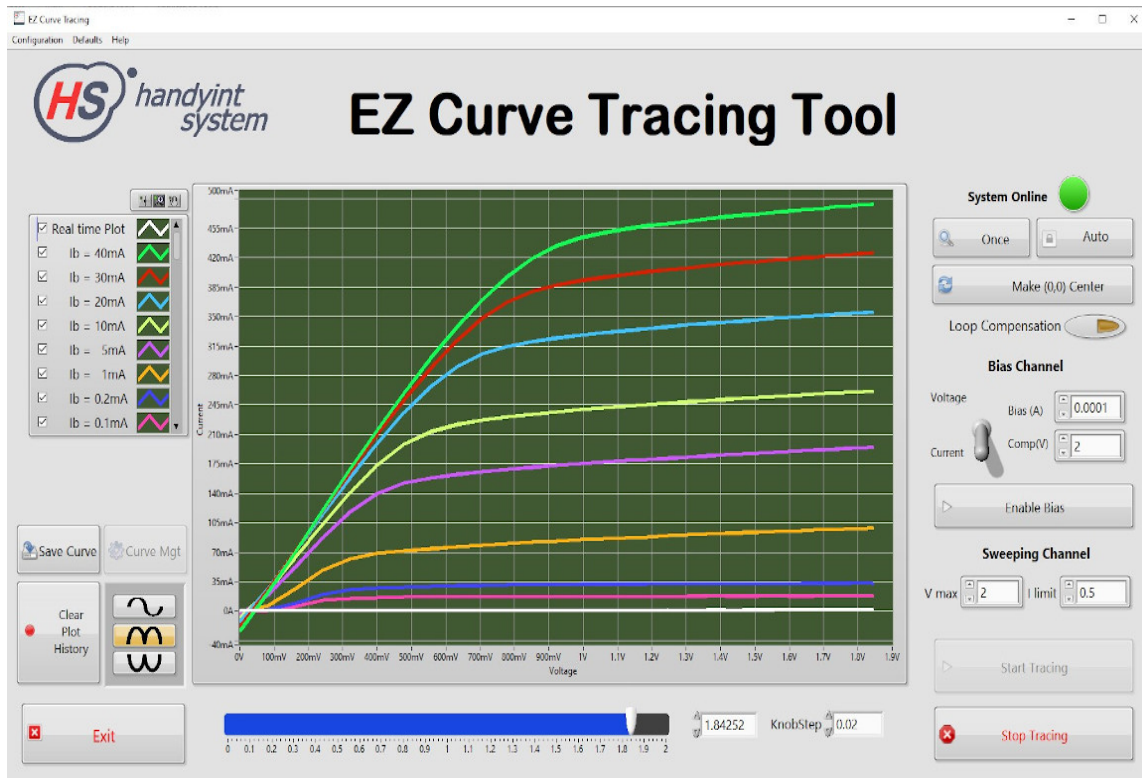**AC mode diode curve with capacitance loop**

Datasheet

Taking advantage of modern software engineering, .EZ curve tracer is capable of curve management, cure comparison, digital data saving, easy screenshot to further extend curve tracer capability.

Buffered curve of resistors

Snapback curve on ESD protection diode

Datasheet

Mosfet IdVd curve family

Ordering Information

EZCT-TTI	Single channel application for 24XX SMU
EZCT-26-1	Single channel application for 26XXB SMU
EZCT-26-2	Dual channel application for 26XXB SMU
EZCT-ESD	ESD protection application for 26XXB SMU

License Information

License is bundled to SMU hardware, software can be installed on multiple devices

System Requirement

- Operation System   Windows 10
- Connection Port   Ethernet Port Required
- Other requirement   Software Installation and System network configuration privilege required