

# STM-2

## USB THIN FILM THICKNESS / RATE DEPOSITION MONITOR



### SYCON STM-2

The STM-2 is the most accurate USB-powered Thin Film Thickness/Rate Deposition Monitor in the industry. In the lab it can provide precise results and control for your thickness or mass deposition experiments. Using the USB connection, the provided LabVIEW™ software and your lab PC, it allows quick installation, and makes obtaining accurate results for your film or mass measurement experiments simple and easy. For production, the STM-2's compact size and simple installation make process set-up and operation easy and efficient. The on board oscillator further reduces system cost when sensing head can be located 30" or less from the STM-2. If longer cable lengths are required the STM-2 can be used with Sycon's remote or in-vacuum oscillator/sensor.

**The STM-2 combines the simplicity of USB connectivity with the accuracy of Sycon's measurement engine, all in a compact, cost-effective package.**

### FEATURES

- High Performance: 10 Measurements per second / 0.01Å/s Rate display
- Communications and power via USB
- Selectable on-board or external oscillator
- LabVIEW™ application included
- Compact case
- Low cost

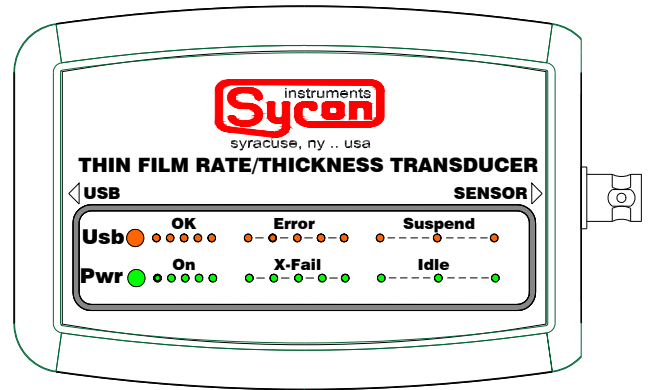


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## USB THIN FILM THICKNESS / RATE DEPOSITION MONITOR

Measurement	10/sec, .02Hz/measurement
Interface	USB
Connectors	USB, BNC-Sensor
Dimensions	4.5" L x 3" W x 1" D
Weight	2 oz
Power Req	400ma, 5VDC



### Ordering Information

500-408 STM-2<sup>1</sup>

### Options:

500-013 Remote Oscillator

500-218 In-Vacuum Oscillator/Sensor

### Accessories:

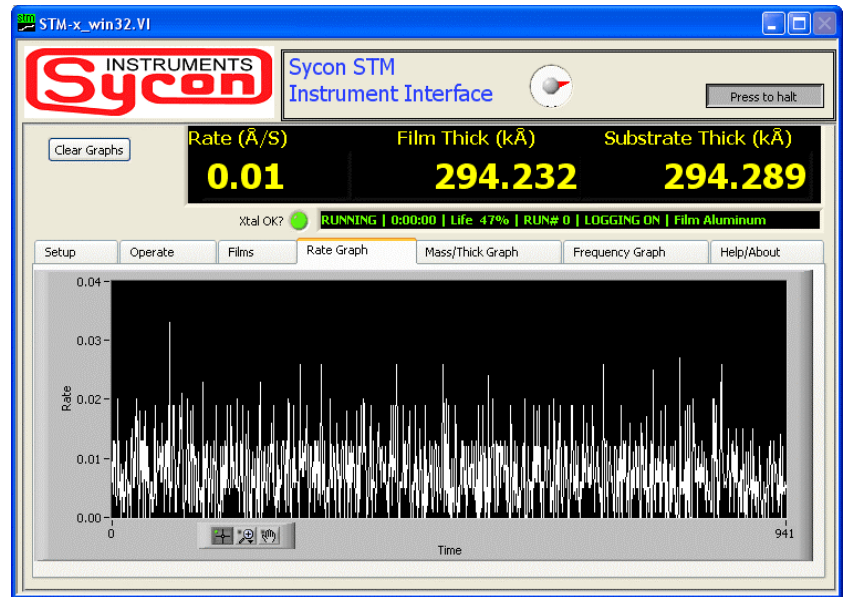
500-023 10" in-vacuum cable

500-024 30" in-vacuum cable

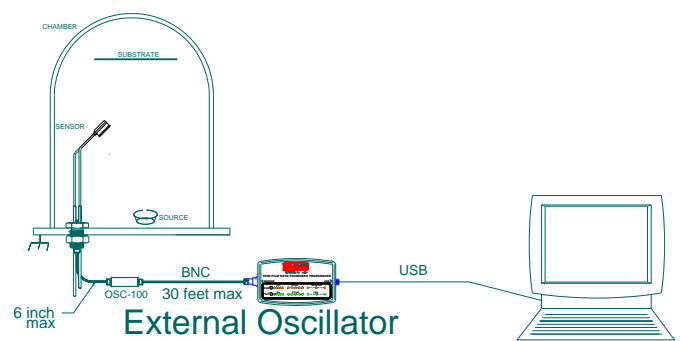
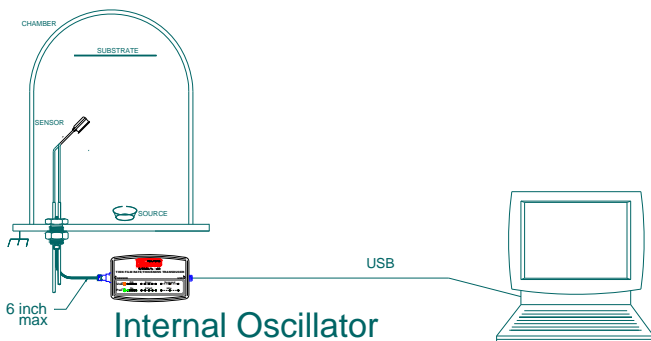
500-025 6" Male/Male BNC cable

<sup>1</sup>LabVIEW™ application, 6" BNC and 15' USB cables included at no charge.

Vacuum feedthroughs and sensing head per system requirements.



LabVIEW™ Rate Display



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