



STS1600CS Portable BET Calibration System



Key Benefits

- Fully Automated, Close Case Calibration System for STS1656 & STS1657
- No Need to Remove Battery Tester From Cabinet
- No Need to Send Battery Tester Out for Calibration
- Generates Calibration Data Reports in Excel for Traceability
- Includes Industrial PC with Calibration Software pre-installed
- Packages in Easy to Roll Away Enclosure for Portability

The STS Instruments 1656 and 1657 Battery Element Tester Automated Calibration System is a fully self-contained and portable solution for on-site and in-situ calibration of STS Battery Element Testers. Compact and Light weight, this roll-away calibration systems allows verification, calibration and documentation of BET performance without the need to return units to the manufacturer. For locations with multiple BET's on site, this system will pay for itself in short order in savings on shipping, down-time and calibration fees.



Front and Rear Panel Layout and Connectors



STS1600CS Front View with Front Cover Installed



STS1600CS Rear View with back Cover Removed

Technical Specifications

INSTALLED EQUIPMENT

FRONT PANEL	
DIGITAL STORAGE SCOPE	4 Channel, 100 Mhz, 1Gs/s Digital Storage Scope
COMPUTER	Windows 10 PC with pre-installed STS Calibration Software
DISPLAY & KEYBOARD	Pull-out 1U drawer with fold-up 17" Flat-panel monitor and keyboard with trackball
PDU	Power Distribution Unit, 115V or 230V with 6 Outlets in front and back

AC INPUT

INPUT VOLTAGE	100V to 240V ± 10 % Universal Input, 47 – 63 Hz
CURRENT	1 A Max.
POWER FACTOR	0.96 Typical
LINE CORD	-US: US plug -INTL: European plug

PHYSICAL

FORM FACTOR	19" Portable Molded Mil-Grade Rack Case
DIMENSIONS (W x H x D)	Outside: 21.25" x 13.5" x 21.5" 540 x 342 x 546 mm
	Shipping: 23.0" x 16.0" x 23.0" 584 x 406 x 584 mm
WEIGHT	Net: 30 lbs.
	Shipping: 40 lbs.

ENVIRONMENTAL

TEMPERATURE (Operating)	0 to +40° C +32 to +104° F
TEMPERATURE (Storage)	-20 to +70° C -2 to +158° F
HUMIDITY	RH 5 to 95%, Non-Condensing
ALTITUDE	2000 m / 6000 ft.
POLLUTION DEG.	Cat II, Indoor Use

Ordering Information

MODEL NUMBER	DESCRIPTION	NOTES
STS1600CS-US or STS1600CS-INTL	Automated BET Calibration System.	Supports STS1656 and STS1657 Battery Element Testers Supplied with: <ul style="list-style-type: none"> • Calibration Manual • AC Line Cord. Specify -US or -INTL • High Voltage Probe • USB Interface Cable Note: MS Office 360 license is required. User needs to register or use corporate license if available.



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