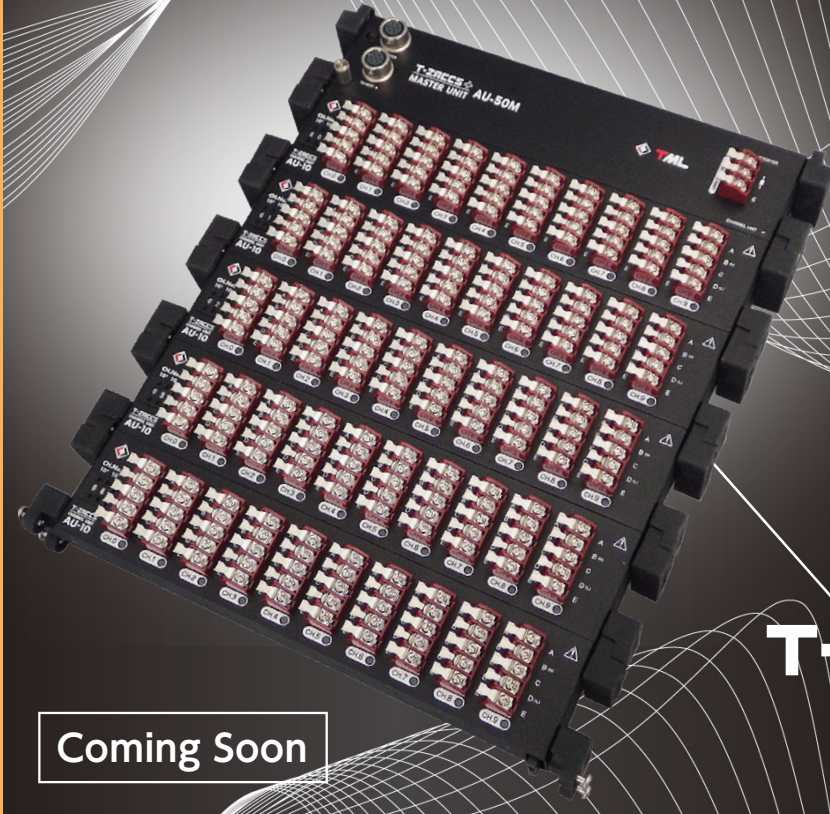


T-ZACCS BOX AU-50



Coming Soon

T-ZACCS+
Master unit **AU-50M**

T-ZACCS UNIT
Channel unit
AU-10/AU-10-05

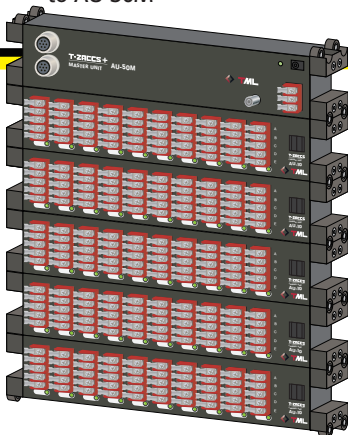
Expandable by unit! “T-ZACCS BOX AU-50”

T-ZACCS BOX AU-50 consists of a master unit and a channel unit. AU-50 can be used with TS-360, TDS-540, etc. and can be mixed with conventional switching boxes ASW-50C/SSW-50D. By connecting multiple units, up to 1000 points can be measured.

T-ZACCS BOX AU-50

Master unit
Channel unit : Up to 5 units

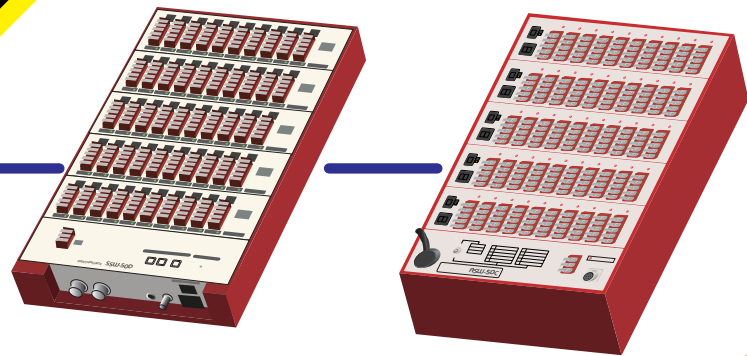
1 to 5 AU-10/AU-10-05 units can be added to AU-50M



Flexible combinations!

SSW-50D

ASW-50C



Total distance between switching boxes: 2 km

T-ZACCS BOX AU-50 Specification

T-ZACCS+

Master unit AU-50M



Measurement capability

Number of measurement points	Channel unit connection	Up to 50 points	
Strain measurement	Applicable wiring methods, gauge resistance	Quarter bridge 3-wire 120/240/350Ω	
		Half bridge 120~1000Ω	
		Half bridge common dummy 120~1000Ω	
		Full bridge 120~1000Ω	
	Sensor cable extension range	Full bridge constant current 350Ω	Total cable resistance: 400 Ω or less
		Full bridge constant current 350Ω	+0.1% to -0.5% for total cable resistance 100 Ω
	Lead wire resistance compensation range CometB(1G3W)	Gauge resistance 120Ω : About 100Ω or less Gauge resistance 240Ω : About 200Ω or less Gauge resistance 350Ω : About 300Ω or less	
Zero stability	±1.0×10 ⁻⁶ strain/°C or less (quarter bridge) ±0.5×10 ⁻⁶ strain/°C or less (half bridge)		
Initial unbalance	±750×10 ⁻⁶ strain or less (quarter bridge 3-wire) ±500×10 ⁻⁶ strain or less (half bridge)		
DC voltage measurement	Input impedance	1MΩ or more	
	Allowable input voltage between B and D	DC±50V MAX	
	Other Specs	Included in the specifications of the data logger main unit	
Thermocouple temperature measurements	Included in the specifications of the data logger main unit		

Channel unit connection

Compatible model	AU-10/AU-10-05
No. of units connected	Up to 5 units
Connectors	Dedicated connector for unit connection

Power

Supply power	Supplied by TS-360 *AC adapter is required depending on the number of units connected and cable extension
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Environment

Operating temperature/humidity range	-10~+50°C 85% RH or less (excluding condensation)
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Other

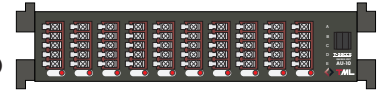
External dimensions	280 (W)×45 (H)×60 (D) mm (Excluding rubber protectors and protrusions)
Weight	Approx. 600g

Standard accessories

Warranty card	1 copy
Operation Manual	1

T-ZACCS UNIT

Channel unit AU-10/AU-10-05



Function

Number of measuring point	10
input terminal	Dual-use screw and solder type
One-touch connector	NDIS One-touch connector(AU-10-05 only)

Power

Supply power	Supplied by TS-360 *AC adapter is required depending on the number of units connected and cable extension
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Environment

Operating temperature/humidity range	-10~+50°C 85% RH or less (excluding condensation)
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Other

External dimensions	AU-10	280 (W)×45 (H)×60 (D) mm
	AU-10-05	280 (W)×45 (H)×80 (D) mm (Excluding rubber protector and projection)

Weight	AU-10	Approx. 600g
	AU-10-05	Approx. 1kg

Standard accessories

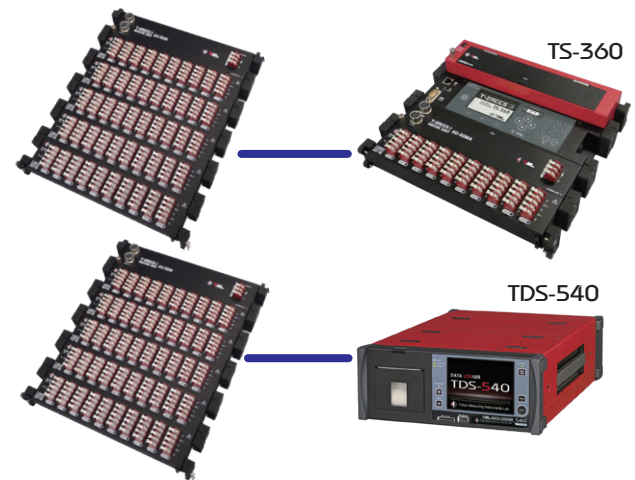
Warranty card	1 copy
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Switching box

T-ZACCS BOX AU-50

AU-50 can also be used with the portable data logger TS-360 and TDS-540.

1 to 5 AU-10/AU-10-05 units can be added to AU-50M



Approval Certificate ISO9001
Design and manufacture of
strain gauges, strain measuring
equipment and transducers



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The contents of this catalog are subject to change without prior notice.
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