

TESTCOM CUBE TESTER PLATFORM, SCALABLE IN SIZE AND FUNCTIONS

TESTCOM CUBE TESTER PLATFORM FOR PCB AND PCBA TESTING IS AVAILABLE IN FOUR MECHANICAL SIZES AND THREE INSTRUMENT CATEGORIES. TESTCOM CUBE TESTERS ARE COMBINATION OF HIGH QUALITY AND RELIABLE DEVICES AND DECADES OF DESIGN EXPERTISE FROM TESTCOM.



The functionality to the CUBE testers is created by our electrical, mechanical and software expertise together with our partners. That makes Testcom CUBE Testers unique.

Testcom CUBE tester combined with MG Product's test fixture and replaceable cassette or fixture interface enhances tester usability. Predetermined instrument categories can be selected, or testers can be tailored into customer needs. All CUBE versions can be equipped with boundary scan modules and automated optical identification.

As a Core of the Testcom CUBE tester is either a Testcom test sequencer or National Instruments Test Stand. Test data is analyzed with Testcom TDV2018 database tool.



TESTCOM CUBE TESTER PLATFORM AVAILABLE IN 4 SIZES

Testcom CUBE S

CUBE S is a stand-alone tabletop test fixture where instruments can be located inside the test fixture or on the table. Simple structure allows very fast implementation and deliveries, which makes CUBE S ideal for R&D, piloting and small series needs. Even though CUBE S size is limited we can equip CUBE S for various testing needs.

Testcom CUBE M

CUBE M is a tabletop tester solution with compact instrument rack to keep testing area well organized. The modular design makes possible to combine Cube testers later if needed. CUBE M together with CE or Modular instrument categories gives high value for your investment.

Testcom CUBE L

CUBE L is compact independent testing cell on the wheels. Devices are mounted on a 19" instrument rack. As in all CUBE sizes you can select one of our predefined instrument categories or we can tailor CUBE L for your needs. CUBE L is best choice for Modular or Pro instrument categories.

Testcom CUBE XL

CUBE XL is a widely used full-scale independent testing cell. With the predefined Pro category instruments mounted in the 19" tester tower various test requirements can be fulfilled. CUBE XL is the best choice for advanced testing needs.

CATEGORIES OF TESTCOM CUBE INSTRUMENTS

Testcom CUBE CE

CUBE CE instruments give high value with reasonable cost. NI VirtualBench combined with Testcom multiplexer unit gives the core functionality for the tester. You can enhance the functionality with power supplies or Boundary Scan modules when needed.

Testcom CUBE MOD

CUBE MOD instruments give high value and modularity for the testing system. The NI PXI devices and modular power supply modules can be selected based to the testing application needs. The system can be also tailored for the application needs.

Testcom CUBE PRO

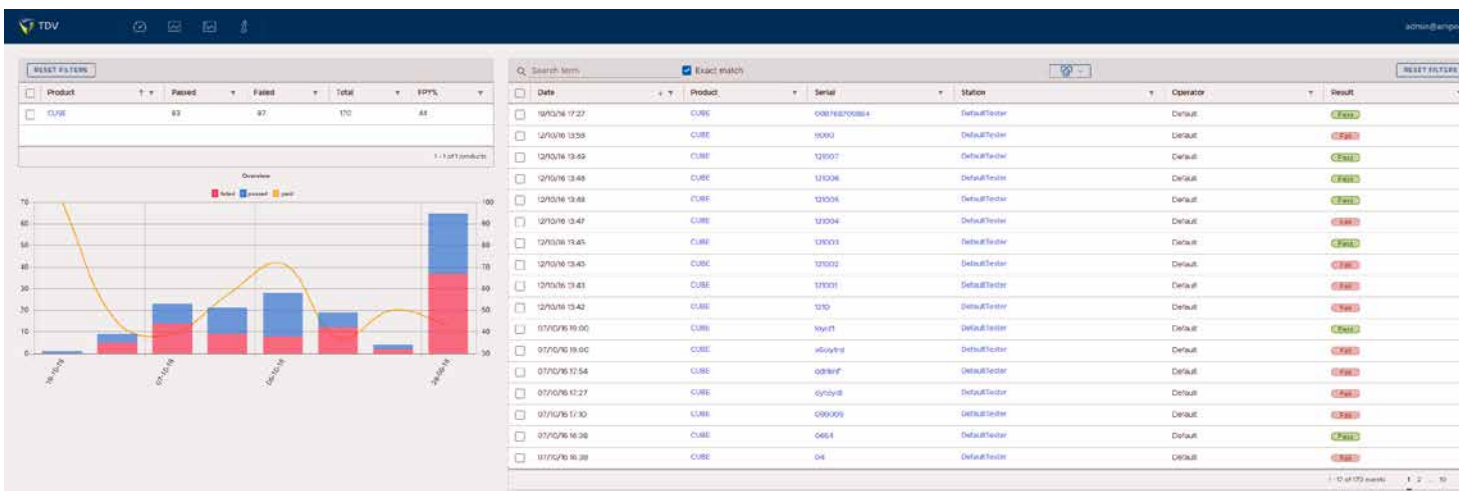
CUBE PRO predefined instruments cover versatile needs for functional testing. High quality instruments mounted into the CUBE XL tester tower are the best choice for advanced testing needs.

TEST SEQUENCING AND RESULT ANALYSIS

All Testcom CUBE testers are equipped with tools for test sequencing and result analysis.

TDV 2018 highlights

- Real-time visual and numeric reporting
- Advanced searching capabilities and filtering of the views
- FPY, CPK and trend calculations real-time
- Year, month and week reports
- Decentralized database possibility.



TESTCOM CUBE INSTRUMENT CATEGORIES

EQUIPMENTS TEST STATION	SPECIFICATION	CUBE CE	CUBE MOD	CUBE PRO
Enclosure, mechanical size	Testcom CUBE S	<input type="checkbox"/>		
	Testcom CUBE M	<input type="checkbox"/>	<input type="checkbox"/>	
	Testcom CUBE L	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Testcom CUBE XL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Uninterruptible power supply	1P 1-3 kVA		<input type="checkbox"/>	<input type="checkbox"/>
PC	Intel NUC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	HP Z series	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DC power supplies Keysight	0-8 VDC/6,25 A		<input type="checkbox"/>	<input type="checkbox"/>
	2 x 0-35 VDC/1,5 A		<input type="checkbox"/>	<input type="checkbox"/>
	0-100 VDC/0,5 A		<input type="checkbox"/>	<input type="checkbox"/>
	0-30 VDC/25 A			<input type="checkbox"/>
	0-150 VDC/5 A			<input type="checkbox"/>
	0-300 VAC/3,25 A			<input type="checkbox"/>
DC power supplies TTI	PowerFlex' Max 60 V or 20 A	<input type="checkbox"/>	<input type="checkbox"/>	
	Dual 0-56 V/4 A max +1-6 V/3 A	<input type="checkbox"/>	<input type="checkbox"/>	
Virtual bench	VB-8012	<input type="checkbox"/>	<input type="checkbox"/>	
PXI Instruments	PXI Chassis		<input type="checkbox"/>	<input type="checkbox"/>
	6 1/2 Digit FlexDMM		<input type="checkbox"/>	<input type="checkbox"/>
	64-Channel Multiplexer		<input type="checkbox"/>	<input type="checkbox"/>
	32 AI, 48 DIO, 4 AO		<input type="checkbox"/>	<input type="checkbox"/>
Electric DC Load	4 x 60 A/80 V/300 W		<input type="checkbox"/>	<input type="checkbox"/>
Waveform generator	Arbitrary/function gen. 25 MHz			<input type="checkbox"/>
Oscilloscope digital storage	60 MHz/ 2 CH			<input type="checkbox"/>
High accuracy DC source	+/- 32 VDC, +/- 200 mA			<input type="checkbox"/>
Digital multimeter	8,5 digit			<input type="checkbox"/>
	6,5 digit		<input type="checkbox"/>	<input type="checkbox"/>
Relay matrix	DIO 48 CH	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Signal relay 1A 256 CH	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Power relay 10 A 30 CH	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Led analyzer	10 Channels	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Test Sequencer	Testcom Labview test engine	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	NI Test Stand	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Test Data Analyze	Local server installation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Test Fixture	MG-xx	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Boundary scan Controller	JTAG Controller	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cassette connection interface		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fixture connection interface		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

= suitable choice



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OUR PARTNERS



AMPNER CORPORATE IN BRIEF

Ampner Oy is a Finnish industrial services company offering products and services for connecting energy sources to the grid. Testcom Oy, a Ampner subsidiary, delivers industrial testing and quality control systems for power and automation sectors.