

Unser 10 Punkte Plan für Test System Applikations-Ingenieure und Systemhersteller, um ein ganzes Funktions-Test System in nur ein paar Wochen zu erstellen.

6TL Technik ist eine Tochterfirma von S.A. Sistel und eine innovative Systemtechnik-Gesellschaft mit mehr als 25 Jahren Erfahrung im Testsystemdesign und deren Erstellung.

Wir haben ein flexibles, modular wieder verwendbares, Systemkonzept entwickelt, um alle Testplattform Lösungen zu erstellen. Ob bei einem Tisch Aufbau, einem Einzelplatz oder einem 19" Einbauschränk sowie bei einem In-Line- es werden die selben Standardbausteine verwendet.

Unsere Bausteine können schnell und einfach montiert und verdrahtet werden. Sie kommunizieren über den CAN-Bus. Jedes elektrische Modul kann für Ihr eigenes LabView Driver und virtuelles Instrument geliefert werden.

Erstellen Sie ein Testsystem mit 6TL Technik in nur 10 Schritten.

6TL Hauptkatalog



1 Nehmen Sie unseren Katalog zur Hand oder laden Sie sich den Katalog von der Seite zum öffnen herunter

Offene Prüfeinheit



2 Suchen Sie nach der für Sie geeigneten Plattform: Entweder Tisch Aufbau, Einzelplatz 19", 19" Einbau Schränk System, In-Line System

Testkomponenten u. Zubehör

3.9 CAN bus indicator beacon 7800.1000

- Test platform Status Indication integrated with high brightness 70 mm diameter detachable elements
- Magnetic Safety: Screen can not be closed
- Control CAN bus Plug & Play
- Optional 100 dB acoustic alarm

Additional information:
CAN bus Three color indicator Beacon
CAN bus Three color indicator Beacon with 100 dB Acoustic Alarm

SKU:
H78001000
H78001001

3.10 Rejection Bin 7300.0600

- Make sure the removal of NG OK DUT
- Electromagnetic shielding of the top cover
- CAN bus control

Additional information:
Rejection Bin for 6TL 22 test platform
Rejection Bin for TFV-1 test platform
Rejection Bin: DUT format customization

SKU:
H73000600
H73011028
Under Request

3 Entscheiden Sie sich für das von Ihnen benötigte Zubehör, wie Strich Kode Leser, Licht Turm, Auswurfbehälter, Transportriemen usw... und passen diese Ihrem Produkt an.

YAV Platinen u. Module

6.1.1 YAV boards & modules Scope

YAV01X12 6000.23	12 Power relay Rated 3 A 250VAC	YAV00P6 6000.18	12 Power relay Rated 3 A 250VAC And back connections block Control 120Vdc input
YAV00X8 6000.30	Multi-configuration matrix 4x8 Two wire 12Vdc/5Vdc	YAV00I28 6000.27	Multi-configuration matrix 8x8 and 6x16 10Vdc/5Vdc
YAV00I32 6000.21	28 NO/NC relays 1x 4 NO relays 25V 2A	YAV00HYT 6000.26	1000V switching relay and isolation multimeter system CALIBRATED
YAV00832 6000.32	Multiplexion 16 bit 2x 12 bit adjustable, 32 DO, 4 AO and 4 PWM Output CALIBRATED	YAV00H16 6000.35	16x16 Onyx video matrix 16x16 Onyx audio matrix for Analog Outputs CALIBRATED
YAV0006 6000.25	Programmable current, Subfunctional 96 Vdc CALIBRATED	YAV00P6E 6000.28	12 pneumatic electric valves with feedback switch, 2 DO, 2 DO and 4 AO, Pressure sensor integrated CALIBRATED
YAV00CLR 6000.29	16x 1x2 Color and intensity river with calibration system CALIBRATED	YAV00T50-75 6000.17	50 Ohm 2.5 GHz 75 Ohm 1 GHz Mini Coax, Multiplier

4 Wählen Sie Ihre YAV Grundinstrumentierung sowie notwendige Schaltungen

Zstl. Module, Lasten, Stromvers.

7.1 Modular power supply 7300 50

- CAN bus controlled, with galvanic isolation > 1500V
- Relative transformer with protections
- Power output and inputs for external voltage sense
- Voltage or current operation (regulation)
- DC bus voltage pre-selection to reduce dissipation
- Heat colour with controlled temperature
- Control input to enable/disable power supply output
- 3V 10" rack, prepared to be assembled with guides
- LED indicators: Ready (green) and enabled, Output On (Status OK), 1 Line (operation with current limitation, O2 overheat)
- Display indicators: Voltage (0-50V) & 0-99.9V Current (0-999 A)

Additional information:
Modular power supplies 7300 50 have been designed especially to be controlled through CAN bus, its test protection circuitry, high precision, voltage and current monitoring, make it ideal for all automatic test systems.

Applications:
A READY output signal (RDY) is available as software flag when the power supply is ready to be used. Any protection activation (Fuse, thermal probe, communication failure, etc.) inhibits this signal.

Features:
These power supplies feature operative value readings through CAN bus or through its own front display (current and voltage indicators), with 12 bit precision, allowing detection or incremental voltage and/or current measurements of the DUT.

Configuration:
The configuration of each power rack module is done based on the specific needs of each testing platform, allowing any combination of the available power modules, for example 2x (0-15V output and 1x (0-30V output).

Additional information:
The module features an ENABLE input that activates the output of the power supply and operates as a static contactor that blocks the current output.

Installation:
Inside a 10" 3U height chassis, up to 3 isolated and independent power supplies can be located. Each power supply will have its own features (nominal voltage and power).

REQUIRED	APPLICATIONS
Supply voltage 207...325V ~Vdc 50...999Vdc	Power supply for the DUT Multiple Precision current measurement

5 Wählen Sie spezielle zusätzliche YAV Module, Lasten, PSU, Video usw.

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Steuerungsrechner

5.2 14 Slots Chassis PXI 1044

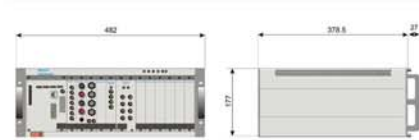
- 14-slot 1U rack 3U A compact unit
- Forced air cooling filtered and temperature controlled
- Built-in power supply, 500W, changeable and vented
- Operating temperature between 0°C and 55°C
- PXI and compact PCI compatible
- Frame for 1U rack mounting, cable guides in the back
- Software controlled Trigger in the bus segments



Its high, 14 slots, card capacity makes it the most appropriate PXI instrumentation test chassis for any complete application, with plenty of room for additional PXI instrumentation and/or switching cards of which there is space for future expansion is required.

The integration of the controller in its own chassis, not only provides a powerful and compact test, but also an optimum behaviour of synchronization and transfer data.

Dimensions



DESCRIPTION INFORMATION	P/N
14 Slots PXI 1044 Chassis, with mounting brackets for 1U rack	MMPT01801

Mass Interconnect Lösungen

4.2.1 Stand-alone for loaded PCB 7200.71 & 7200.72

Simple fixture

Compact fixture with built-in pressure system. The enclosure supports the installation of peripheral components to the test. During the operation of the PCB change, the test probes are hidden and protected. The pressure system makes the pushers press into a retractor perfectly aligned with the axes of the test probes. Pushers are indexed together with the PCB support sections to support the device under test and to avoid board stress preventing sensitive components from breaking due to excessive bending of the PCB.

All materials are anodized and strengthened to ensure long lifetime with no other maintenance than the change of the test probes.

	H7200 7100 & H7200 7110	H7200 7101
Max. PCB dimensions (height x width) (mm)	250 x 310	250 x 410
Maximum pushing force (N)	600	900
Maximum components height (mm)	50	40
Total dimensions (height x width) (mm)	410 x 294	470 x 398
Height (Max/Min) (mm)	70/130	130/190

DOUBLE INFORMATION

Fixture 7100 Off line G12 with pusher plate 250x310 mm
 Fixture 7101 Off line G12 with pusher plate 250x410 mm
 Fixture 7110 Off line G12 with pusher plate and Parasig cage 250x310 mm

Double fixture

- PCB maximum dimensions 250 x 275 mm
 - Total dimensions 735 x 410 x 70/130 mm
 - Maximum components height 50 mm
 - Maximum pushing force for probes 800 N
 - Test probes protected
 - Easy and safe interchange of the DUT
- Helping double test capacity, productivity is improved, when the test is switching or loading software in one station, the operator can un-load and re-load the PCB in the other station and do additional operations to the product (loading, packaging, etc.)



DESCRIPTION INFORMATION	P/N
Fixture 7200 Off line G12 with double body probe plate	H7200 7200

Software

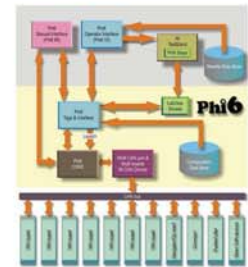
9.1 Phi6 software

- Software package to link the test executive software with all I6 modules available controlled through CAN bus.
- Testbed and Phi6 steps included
- Operator interface for testing systems
- I-68 modules configuration (S288)



Phi6 software package is a powerful tool to implement the test executive software, running your application when I6 CAN controlled modules are used.

Phi6 works independently of other software layers used: TestStand or LabView.

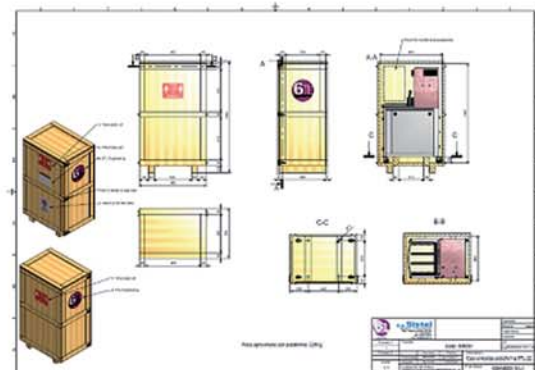
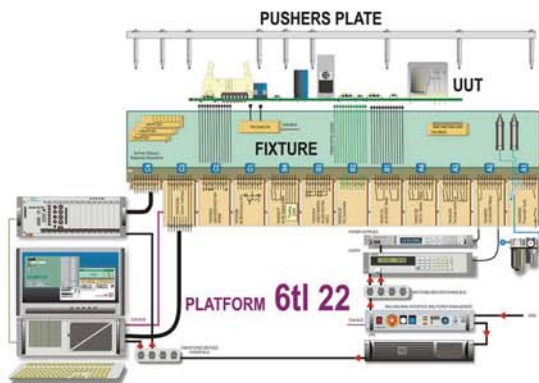


DESCRIPTION INFORMATION	P/N
Phi6 software for I6 module management	H6820000

6 Passen Sie Ihr System mit der zusätzlichen Instrumentierung produktgerecht an

7 Finden Sie die richtige Größe Prüf- adaptors für Ihre Testaufgabe

8 Installieren Sie die Software



9 Entscheiden Sie sich für das von Ihnen benötigte Zubehör, wie Strich Code Leser, Licht Turm, Auswurfbehälter, Transportriemen usw... und passen diese Ihrem Produkt an.

10 Wir liefern Ihnen die komplette Test System Lösung an Ihre Firmenanschrift

Zehn Schritte, ein Katalog, ein Lieferant, ein Testsystem

