



6TL22

Compact ATE



The test process made
simple and cost-effective

*fast*ATE platforms
are the perfect base
to develop ATE solutions

The 6TL22 is the perfect base for the integration of Automatic Test Equipment to cover low to mid with high variability electronic productions. Following FastATE® technology by 6TL, the resulting integrated test system will be simple, easy to maintain and cost-effective.

Managers related to electronics design and production need to speed up new product introduction times and the test equipment to guarantee the deliveries quality is a must. At this point, the 6TL22 is a great ally, since all the basics needed when thinking about a reliable test production tool are already included, with the corresponding savings in time and money.

The 6TL22 base test platform allows for different fixturing connections depending on the product or the test type needs, being compatible with 12- or 25- module receivers.

It also integrates an uninterrupted power supply (UPS) system to deliver a steady stream of high-fidelity power to instruments and protect them against spikes, distortion and outages.

Additionally, the 6TL22 offers an easy integration with the NI software suite and PXI instruments, resulting in the highest level of modularity and scalability for your top-class production testing equipment.

- 19" rack and very reduced footprint
- Hipot, FCT, ICT, Boundary scan or RF configurations
- MMI (platform management module), to control the system operation, as well as the temperature and safety functions
- Different options for the platform controller: industrial PC or embedded PC in the PXI chassis
- UPS for instrumentation and data protection
- Automatic ergonomic height adjustment (optional)
- ESD safe
- No air compressed required
- Lockable transport wheels
- Cost-effective fixture options
- CE and UL approved

Features	6TL22
Description	Off-line automatic test platform with 12-25 modules receiver with blocable transport wheels
Max. PCB dimensions	According to fixture type, up to 400 x 380 mm (L x W)
	Max. PCB components height (top) 90 mm
	Max. PCB components height (bottom) 50 mm
Production	Capable for Hipot, FCT, ICT, Boundary scan or flashing
	Combination of several test types
	Manual pusher system up to 1200 N
	Fixture exchange time <10 s
Control	Machine-man interface H73000301 with Ethernet to CAN bus gateway Power and cooling control, and safety relay outputs
	Industrial PC 19" 4 U with Windows 11 CPU i7
	24" monitor with adjustable support and keyboard with touchpad tray
Safety	E-stop on MMI with optimal external emergency stop button
Power	Electrical power requirements: L1-N 230 V 50-60 Hz up to 3.6 kW
	Air compressed: not required
Physical attributes	19" rack 330 mm depth free units top part: 7 (UA)
	19" rack 540 mm depth free units bottom part: 14 (UA)
	Dimensions (D x W x H): 800 x 566 x 1.372 mm
	Weight (without integrated devices) 70 kg
	Protection degree: IP00
	Operation conditions range: 0...40° C, RH >75%
IT	Ethernet
Standards and certificates	CE compliance

