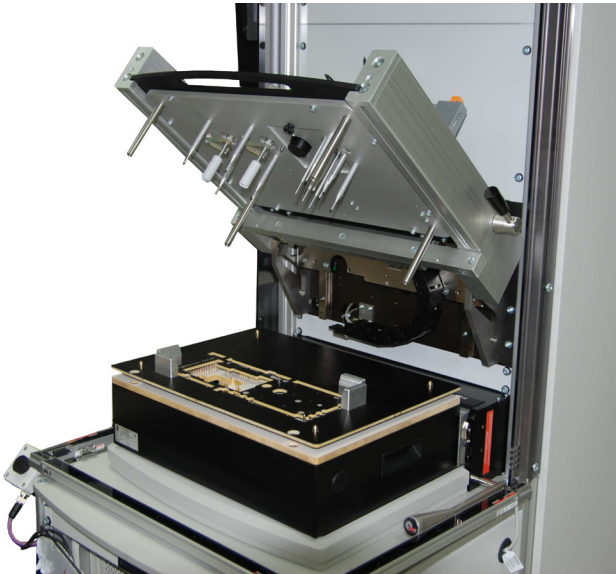


# SERVO PUSHER

MULTI-STAGE PRESS UNIT



*fast*ATE<sup>®</sup>  
Technology

**6TL provides the intelligent building blocks,  
the integrator provides the ATE.**

The 6TL FastATE Servo-Pusher is used to push the UUT (Unit Under Test) against a bed of nails for its electronics testing.

The Servo-Pusher is a compact unit ready to be stacked in 19" racks, featuring a servomotor with numeric control, a precision gearbox, robust linear guides and electronics for its control either through CAN bus or digital I/O.

Pushers are fixed in an exchangeable cassette (pushers-plate). The same plate can be used to set an upper bed of nails (Test Points in TOP side of the PCBA under test), in addition to connectors, LED probes, or manual/automatic trimmer adjustment tools. A flexible chain will be used to drive cables from the pushers-plate to the corresponding switching unit located into the platform.

The contact height level can be set in three different positions, allowing to test using different technologies with the same fixturing and platform: Hipot test, FCT and ICT.

- FastATE technology: LabVIEW drivers
- Combined test (Hipot, ICT & Funcional)
- Rack&stack module for 19 inch frame
- 6U height
- Pushing force up to 1000 N
- Power supply 230V 50-60 Hz.
- Compressed air not required
- High dynamics and precision CNC servo-controller
- PCB areas up to 450x340mm.
- Control either through CAN bus or digital I/O.
- Interchangeable cassette for upper bed of nails or actuators
- Minimum electrical connections



[www.6TL.es](http://www.6TL.es)

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Electrical Rating Power Protection	Input Voltage (V; Hz)	90 - 260 50-50Hz					
	Input Current (A)	2					
	Phases	2					
	Power Inlet connector	IEC bipolar switch					
	Filter	Yes, EMI					
	Circuit braker	Yes, Thermal-Magnetic 10A					
Control	Remote control	CAN (NI USB-CAN)					
	Manual control	Yes, I/O in DB15 connector					
	Driver	LabVIEW; dll					
	Device interface	LEDs (Power, Enable, Status, Home)					
	Mains On/Off switch Type	Selector switch, two position					
Fixture type	Fixture type	Kits with Upper and Lower Cassettes					
	Max. Probing area	450x340mm					
Dimensions (mm)	<p>The image shows two technical drawings of the probe fixture. The left drawing is a front view showing a width of 550 mm, with internal dimensions of 482.6 mm and 435.5 mm, and a height of 266 mm. The right drawing is a side view showing a total length of 747 mm, with segments of 244 mm, 113 mm, and 340 mm.</p>						
	Order Information	<table border="1"> <tr> <td>Servo-Puhsler</td> <td>H71007100</td> </tr> <tr> <td>Fixture Kit with G12 ITA</td> <td>H72008010</td> </tr> <tr> <td>Fixture Kit with G12X ITA</td> <td>H72008011</td> </tr> </table>	Servo-Puhsler	H71007100	Fixture Kit with G12 ITA	H72008010	Fixture Kit with G12X ITA
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