

# KT-3200-FTT Flexible Turn Table



## Turn Table for Mounting in 19" Cabinets or Workstations for Testing electronic DUTs

- Turn table for 19" racks
- Mounting in 12U housings
- Production and laboratory test
- Unlimited contacting positions, freely programmable
- Product specific fixture kits
- Low handling time
- Integrated PLC with Ethernet interface
- No pressurized air needed



### Applications:

- Functional Test
- In-Circuit Test
- ISP Programming Station
- AOI Test
- ...

### Description:

The Flexible Turn Table KT-FTT is a new and innovative handling system for integration in 19" racks.

Due to its compact dimensions of 12 units, many applications can be implemented using cost effective 12U housings.

The operational concept of the turn table allows an economical use with very low handling time. While the test system performs the test of one DUT, another DUT can be unloaded and loaded to the turn table. Operation is extremely effective, e.g. via a simple front panel with push-buttons, incl. emergency stop.

The turn table can be manually operated or by servo drives. The system operates fast - a 180° turn takes less than a second. The integrated safety system offers maximum protection for the operator and the machine.

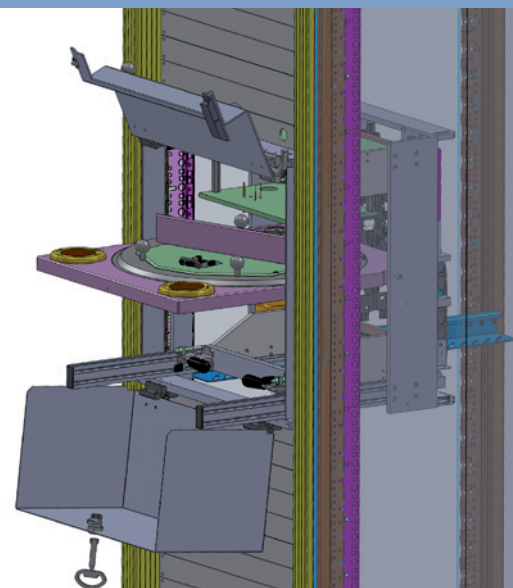
Device-specific fixture kits are mounted from the front side in the system.

An outstanding feature is the stepless servoelectrical contacting-lift, both from the top and from the bottom side. Using this, many different products can be tested with the system in a cost-effective manner and without big retrofitting efforts.

A combination of functional test and in-circuit test can be implemented easily because of the stepless lift mechanics. Vertical lifts are secured against unintended fixture lowering.

The system offers space for mounting additional equipment, including scanners and „PASS“-marking units or even large sub systems like vision systems, RF chambers or any additional electronics.

Measurement cables are either moved via cable carriers or horizontally, via Pylon blocks. Moved measurement lines can totally be avoided by integration of the optionally available horizontal interface. The system does not need pressurized air.



Contacting lift:	60mm <1 sec
Amount of test points (3N):	<250x, half when using a horizontal interface
DUT dimensions max.:	LxW 280mm x 150mm, DUT height top 50mm, bottom 10mm
Control system:	Integrated PLC with Ethernet interface

**Fixture Kits:**

A fixture kit contains of:

2x Inlay for turn table, 1x exchangeable fixture top and bottom

Probe plates are sind floating mounted and matches leadingly in the inlay

Check for presence and correct position of the DUT using light beam device

Additional electronics can be mounted on the fixture kits

