

RTX2300 ACCESSORIES

DESIGN LAB TOOL FIXTURE

DATA SHEET

The Design Lab Tool Fixture is an optional fixture for the RTX2300 Smart ATE unit which gives R&D engineers the ability to test and verify wireless or RF-sensitive designs in a shielded environment .

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In addition to allowing R&D engineers to test and verify wireless or RF sensitive designs in a shielded environment, the Design Lab Tool gives ATE systems engineers the ability to establish complete ATE systems - even before the design is finalized. In other words: one can take the RTX2300 Smart ATE equipped with the Design Lab Tool to their lab bench and perform advanced testing in one process - eliminating the need for bench PSU, DVM etc. This makes for a smoother development process and reduces time to market.

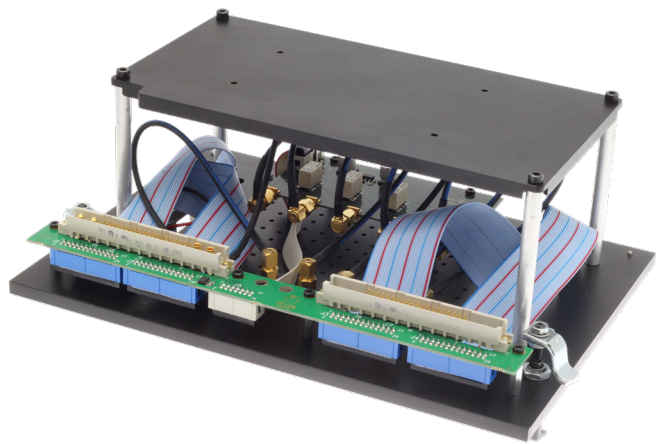
The RTX2300 offers designers of electronic devices a test and verification tool with numerous I/O ports for control and measurement in a robust RF shielded unit.

Along with the I/O ports the Design Lab Tool facilitates the usage of all the measurement instruments available in RTX2300 as well as the add-on instrumentation modules.

The Design Lab Tool fixture features a matrix of mounting holes for spacers to which a PCBA can be mounted and is thus a highly flexible tool.

All connections are made accessible through a specially- equipped fixture insert which includes a 4-channel RF-switch as well as a 4-port USB hub as standard.

The Smart ATE Design Lab Tool can either be operated by the Graphical User Interface "Detective" for manual control of the RTX2300 or embedded into an automated or semi-automated test sequence. With the "Detective" application tool the user can perform manual measurements, control the power supply, apply audio to the device and make frequency measurements.



TECHNICAL SPECIFICATIONS

DESCRIPTION	SPECIFICATIONS
POWER SUPPLY (FIXED)	+/- 12 VDC 5 VDC
POWER SUPPLY (CONFIGURABLE)	1-15 VDC with 2 sense channels
MEASUREMENT CHANNELS	8 channel ADC; 2 channel DAC)
TONE GENERATOR	Analog output from signal generator
AC MEASUREMENT	2 analog inputs fro AC measurements
RF CONNECTIONS	4 RF channels from RF multiplexer 1 RF channel from external RF tester / generator or frequency converter
CUSTOMIZED CONNECTIONS	45 I/O at the customization area in the RTX2300

ORDERING DETAILS

RTX NO.	FIXTURE	DESCRIPTION
95203194	Design Lab Tool	Design Lab Tool Fixture