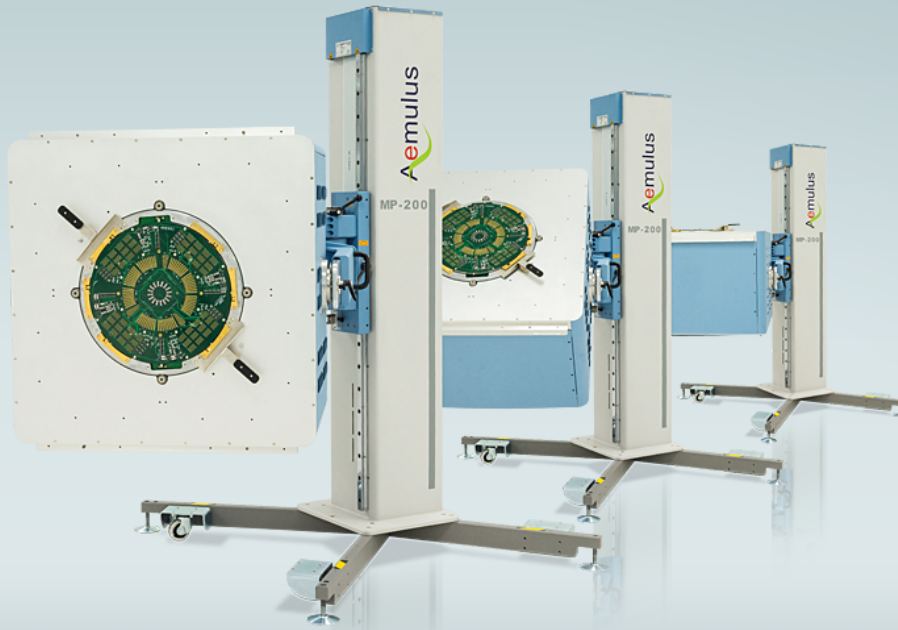


# AMB4600

Digital/Mixed Signal (with RF Option)



## Highlight

Amoeba® AMB4600 is the world's first highly reconfigurable ATE test platform; test systems are interchangeable among Digital, Analog, or RF/Mixed Signal capabilities.

In view of space limitation, AMB4600 is specifically designed to replace test giants with its smaller footprint. Eventually the capital cost in line with the growth of Internet of Things (IoT), Cloud Computing, and Cost of Test (CoT) will be reduced gradually.

AMB4600 is compacted for multiplex testing including microcontrollers (wireless/non-wireless), connectivity modules, baseband, RF Transceivers, Wireless SoCs, and Pre-Amplifiers.

## Purpose

RF	Analog	Digital	Discrete
◆	◆	◆	

## Feature

- ◆ Reconfigurable platform – from pure Digital ATE to a Mixed Signal/RF ATE Platform.
- ◆ Scalable and Modular
- ◆ Multi-Instance Production Software
- ◆ Multi-Test-Site Configurations
- ◆ Flexible RF Accessories Integration for High Power RF Testing
- ◆ Easy Development-to-Production Migration
- ◆ Lowest initial Capex Investment cost
- ◆ Expandability from Single Site to Octal Site

# AMB4600

Digital/Mixed Signal (with RF Option)

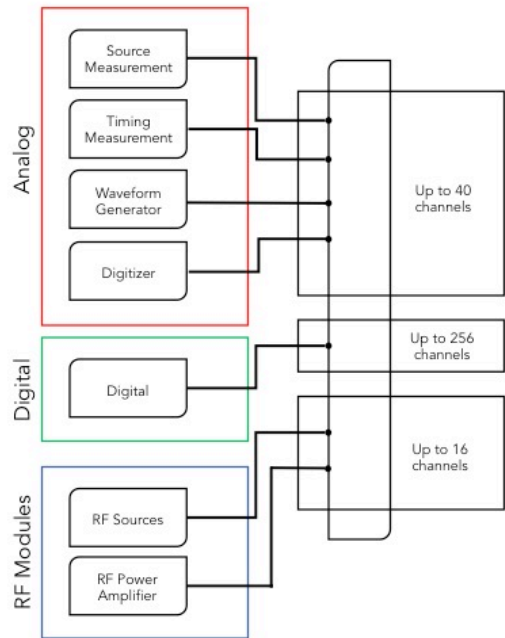
## Architecture

AMB4600 is created at the cusp of apical design and capability.

Standing at seven feet, the 180°revolving test head consists of three vital platforms namely RF modules, Digital and Analog.

AMB4600's multiplex testing capabilities and interchangeable system did not compromise its size.

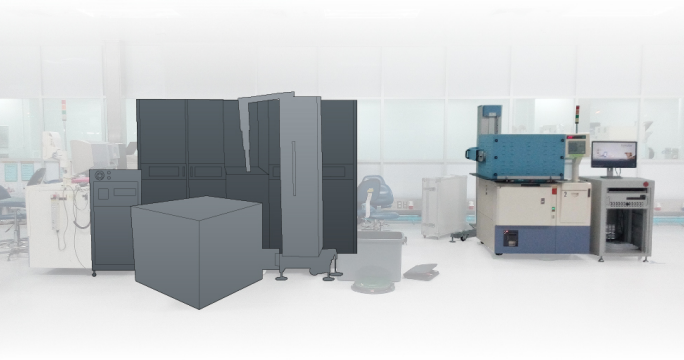
Its miniscule dimension can be considered as a 'zero footprint' tester on production floor.



Top illustrates the architecture of AMB4600. Multiple subsystems and techFlow software made up a complete system

## AMB4600 Tester: Real World Implementation

From a "Big Iron" to Aemulus'



Dubbed as the Beauty and the Beast, AMB4600's capabilities is not short from the 'Big Iron'. Smaller footprint equivalent to lower Cost of Test has made the Beauty highly desirable.

## Product Application

Device-Under-Test Type	Applicable
Microcontrollers	Yes
FPGA/CPLDs	Yes
Baseband Devices	Yes
RF Transceivers	Yes*
Connectivity SoCs	Yes*
RF Tuners	Yes*
RF Power Amplifier, FEMs switches,	Yes*
PMICs	Yes
Analog Transceivers	Yes
PreAmplifiers	Yes

\* with RF Options