

Model: STT-700 series tester, supports 13 or 26 slots, floating ground structure, allowing any module put in any slot for flexible configuration. Can configure up to 416 VI channels and 256 digital pins.
Software: Visual C++, supports both True Parallel and Index Parallel test modes.

Analog/Mixed-signal IC test modules

Module	Voltage/Current range	Channel number	Voltage Accuracy	Current Accuracy
FOVI	±50V/300mA /1A Pulse	8(4 groups)	±(0.35mV+0.025%Rdg)	±(3nA+0.05%Rdg)
FPVI120	±100V/±2A /±20A pulse	2	±(0.35mV+0.025%Rdg)	±(20nA+0.05%Rdg)
FVI1000	±1000V/10mA	2	±(0.1V+0.1%Rdg)	±(20nA+0.1%Rdg)
FVI16	±40V/100mA	16(4 groups)	±(0.7mV+0.025%Rdg)	±(10nA+0.5%Rdg)
OMS	±(200V,20V,10V, 5V,2V,1V,100mV)	8	±(0.1mV+0.01%Rdg), eight channels voltage meter module	
QTMU	±7.5V, ±52V,	4	20Mhz (Bandwidth) , 100Mhz (Counter)	
DIO32	-2V/+7V, 40mA(PMU)	16 IO / 16 OUT	20Mhz, 8M memory depth, 10ns pulse width	
PAM	1nA	1	Minimum current measurement: 10pA	

Remark: VI module has patent technology “real time V/I accuracy self-checking on the board”

Discrete test modules

Module	Specifications	Accuracy	Digitizer	Remark
DDC1230/E	3 channels(D/G/S), ±1400V/30A/100A	<0.1mOhm <2nA	500Khz	One module can finish single mosfet DC test
DDC2K200	3 channels(D/G/S), ±2000V/200A	<0.1mOhm <2nA	500Khz	One module can finish single mosfet DC test
UIL3K200	3 channels(D/G/S), ±3000V/200A	1% voltage 1% current	2Mhz	Inductive load 0.01mH ~ 160Mh, step 10uH
DVSD120	±120V/50A/2000mS	1% force current, 0.1% voltage	500Khz	Max power: 2400W
QG12100	±1200V/100A	1nC	2Mhz	Resolution 0.02nC
Dynamic Rdson (GaN Mosfet)	3 channels(D/G/S), 800V/10A	<1us	2Mhz	Soft switch and hard switch
SW12400	±1200V/400A/1000A(Isc)	switching test module(double pulse or multiple pulse)		
LCR module	1 channel, Rg/Ciss/Coss/Crss	0.1mOhm 0.01Pf / 0.1uH		Similar as E49**A

Remark: DC option to 4000V/600A

Digital test module

	specifications	Channels	remark
DPU32	50Mhz/100Mhz vector rate 64M memory depth per pin -1.5V to 6.5V	32	PMU per pin NRZ/RO/RZ/SBC/HiZ 64 Timing sets with 4 phases, 4 windows