

## STS8200 PMOS Power Discrete Test System



### ➤ System Features

- Focus on high power discrete test, including MOSFET, IGBT, SiC MOSFET, Diode
- Multi-Task Test mode support DC, UIS, DVDS, Cg/Rg and Dynamic switching testing at the same time
  - Up to  $\pm 2000V/\pm 200A$  for DC test, 3000V is optional
  - Up to 200A/2000V
  - Up to 55V/40A(Max power to 900W) for DVDS test
  - Support Cg/Rg test, AC frequency range: 100K-1MHz, DC bias default to 40V, can upgraded to 2000V
  - Up to 1200V/800A for dynamic switching test.
- Menu Driven Programming
- Flexible expansion to Analog IC tester or mixed signal IC tester under CROSS mainframe

Resource	Specification
SVI40	● Super V/I, independent V/Is for discrete DC test, up to $\pm 50V/\pm 40A$
HVS2K	● High voltage source, up to $\pm 2000V/\pm 10mA$
HCB200	● High current source, up to $\pm 200A$ pulsed
DC Test Box	● DC test box with low $R_{dson}$ and low leakage test module inside
UIS100	● Independent UIS test kit, up to 100A/2000V(Max 2000V@RH55%)
UIS200	● Independent UIS test kit, up to 200A/2000V
DVX300	● DVX test board within 50V/10A/300W/100mS
DVX900	● DVX test board within 55V/40A/900W/9.99S
ZMU	● Support Cg/Rg test, AC frequency 100K-1MHz, DC bias default to $\pm 40V$ , can upgrade to 2000V
DSU1200	● 1200V/800A Dynamic Switching Test Unit, support double/multiple switching test and short circuit current.

Note: Subject to change without notice.

