

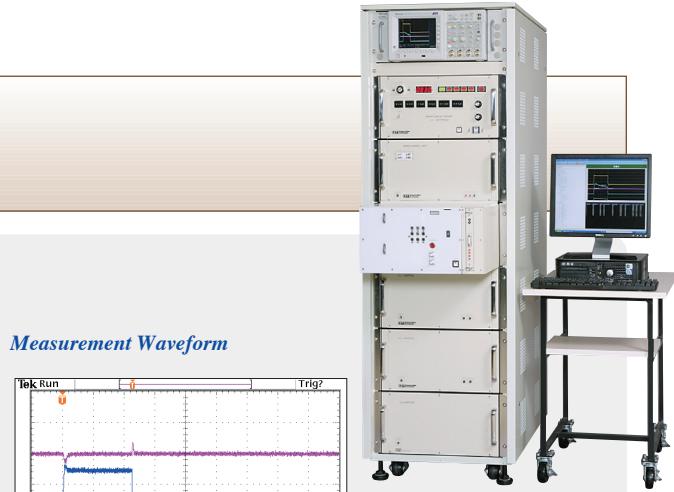
BACK-END

IGBT

## SHORT CIRCUIT TEST SYSTEM 短絡試験器 SCT1010ZZ 1000V 1000A

- SCT1010ZZ has been designed to test energy tolerance of IGBT device at short circuit. Energy amount is calculated by digital oscilloscope waveform which is corresponded with software. Also, it has preventive function not to break D.U.T for safety.
- SCT1010ZZはIGBT素子の短絡時におけるエネルギー耐量を試験します。付属のソフトウェアとの連動によりオシロスコープ波形からエネルギー量を計算します。また安全性を考慮し、D.U.T.の破壊防止機能も盛り込まれています。

| MODEL               | SCT1010ZZ   |
|---------------------|---|
| MEASURABLE DEVICES  | N-IGBT  |
| BIAS SETTING RANGE  |   |
| VDD                 | 10V~999V(1V STEP)   |
| ICL                 | 10A~999A(1A STEP)   |
| VGF                 | 0V~+39.9V(0.1V STEP)  |
| VGR                 | 0V~-39.9V(0.1V STEP)  |
| TON                 | 2.0μs~999.9μs(0.1μs STEP)   |
| TEST ITEMS          |   |
| OPEN/SHORT          | Impress to DUT through 1kΩ at VDD voltage<br>[VDD電圧にて1kΩを通してDUTへ印加] |
| BINNING             |   |
| BIN INDICATION      | PASS, POST-FAIL, FAIL, PRE-FAIL                                     |
| DIMENSIONS & WEIGHT |   |
| MAIN UNIT           | 550(W)×860+350(D)×1700(H)…335kg                                     |

**Measurement Waveform**