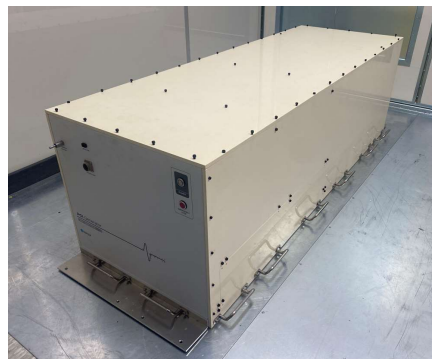


E1 Pulse Generator (HEMP-E1-5KA)

This generator is used to measure the performance of electrical POE and protective devices for E1 short pulse. It produces double exponential pulse of peak current up to 5kA, FWHM of 500~550ns, and rise time of <20ns. Also it has the wide current range from 1kA to 5kA. A important advantage of this generator is convenient operation by touch screen and easy mobility by compact, lightweight.



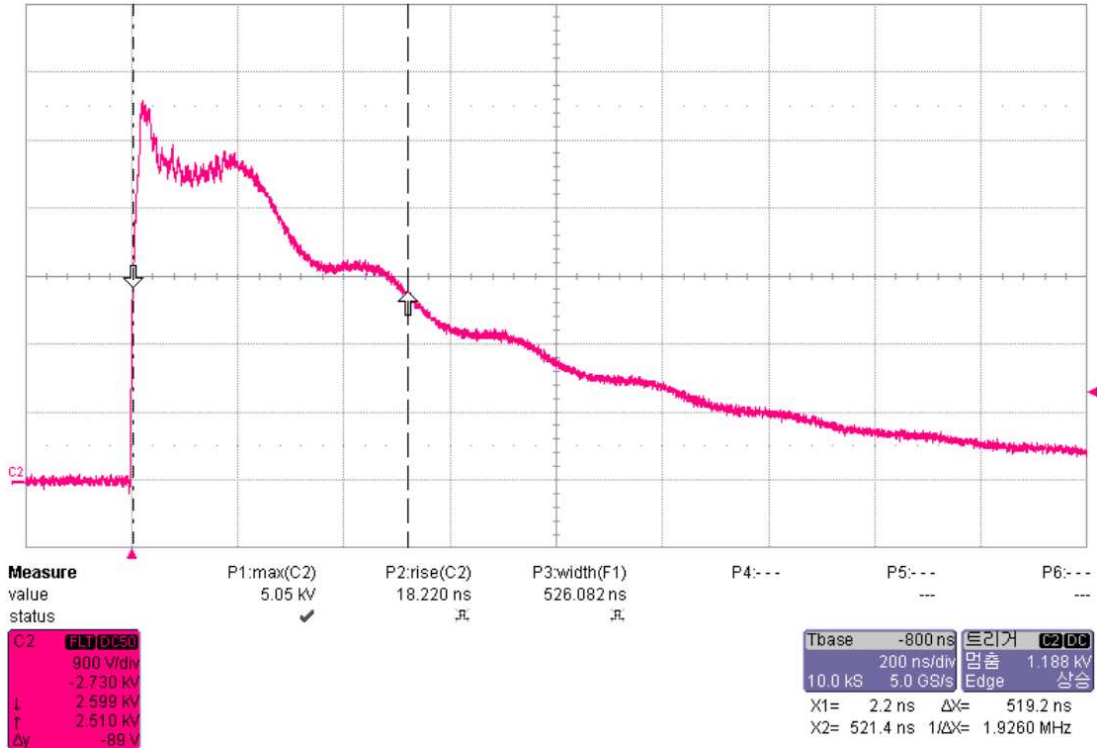
< Controller >



< Generator >

| Parameter | Value |
|--|------------------------------------|
| Model Name | HEMP-E1-5KA |
| Standard | MIL-STD-188-125-1&2 (E1 Pulse) |
| Voltage Range(Open Circuit) | 50kV~350kV |
| Current Range(Short Circuit) | 1KA~5KA |
| Current Pulse Rise Time(Short Circuit) | <20ns |
| Current Pulse Width(Short Circuit) | 500ns~550ns(FWHM) |
| Source Impedance | ≥60Ω |
| Operation Repetition Time | 1 pulse every 15 seconds |
| Output Connectors | Connecting bar with M5 tap hole |
| User Interface | Touch-Screen(Built-in Embedded OS) |
| Power Rating | 220VAC / 50Hz~60Hz / 150VA |
| Storage/Working Temperature | 5°C~50°C / 15°C~45°C |
| Dimension (Controller/Generator) | 36×38×32cm / 187×68×53cm |
| Weight(Controller/Generator) | ~10kg / 450kg(with oil) |
| Insulation | Transformer Oil, N2 gas |

■ Measurement Waveform : Peak Current & Pulse Width (Short Circuit)



■ Measurement Waveform : Pulse Rise Time (Short Circuit)

