H3 set
Field Sources

Short description

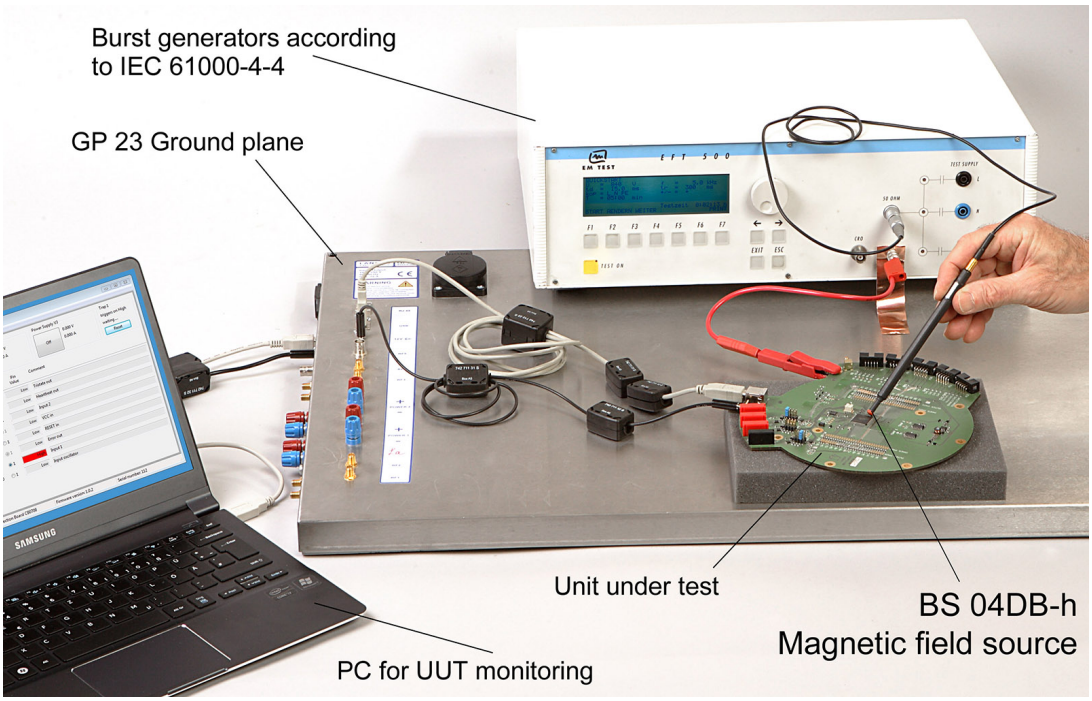
The field sources are used to analyze the immunity of assemblies and devices by coupling pulse fields (ICE 61000-4-4) into the device under test. They must be guided by hand just above the device under test. The weak spot will react to the pulse field and malfunctions will be triggered.
An EFT/burst generator powers the field sources via a high voltage cable. The field sources have a SMB-output.
The connection cable for the field sources is available with a SHV connector (HV SHV-SMB 1 m) or with a Fischer connector (HV FI-SMB 1 m; Fischer connector S103A023). Please specify when ordering.

Different types of field source tips are offered for various measuring tasks. The tips allow for localization of the weak spots accurate to the millimeter and for detecting critical connections on the defined disturbing path, such as components, wires, or IC pins.

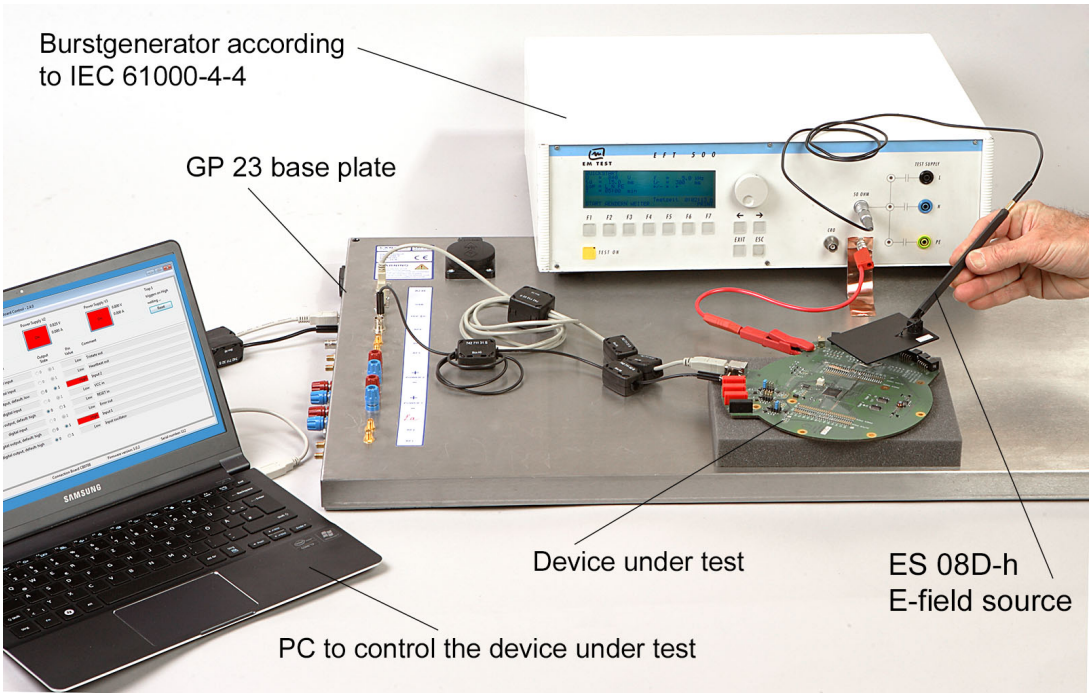
Scope of delivery

1x BS 02-h, Magnetic Field Source
1x BS 05DB-h, Magnetic Field Source
1x ES 00-h, E-Field Source
1x ES 02-h, E-Field Source
1x ES 08D-h, E-Field Source
1x H case, System Case
1x BS 04DB-h, Magnetic Field Source
1x BS 05DU-h, Magnetic Field Source
1x ES 01-h, E-Field Source
1x ES 05D-h, E-Field Source
1x HV SHV-SMB 1 m, High-Voltage Cable, SHV SMB
1x H3 m, H3 Set User Manual

Application with magnetic field source BS 04DB-h



Application with E-field source ES 01-h



Scope of delivery H3 set