H4-IC set

EFT/Burst Magnetic Field Source



Short description

The BS 06DB-s magnetic field source is used to generate magnetic EFT/burst fields. An EFT/burst generator (IEC 61000-4-4) supplies the field source with an EFT/burst current via an RF cable. The field source generates high magnetic fields (approx. 200 mT) in very small spaces (2.54 mm²). It is thus ideal for coupling the field into ICs. The field source can be inserted into a scanner or can be guided by hand. It has a SMB output.

The connection cable for the magnetic field source is available with an SHV connector (HV SHV-SMB 1m) or with a Fischer connector (HV FI-SMB 1m; a S103A023 Fischer connector). Please specify which cable/connector when placing your order.

Scope of delivery

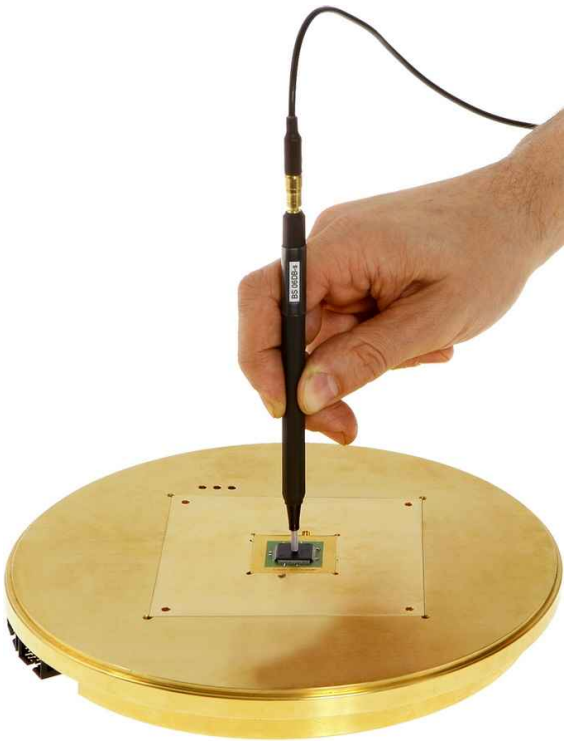
1x BS 06DB-s, EFT/Burst Magnetic Field Source
1x HV SHV-SMB 1 m, High-Voltage Cable, SHV SMB
1x H4-IC case, System Case A5
1x H4-IC m, H4-IC set User Manual

Technical parameters

BS 06DB-s EFT/Burst Magnetic Field Source	
Frequency range	0...66 MHz
Resolution	2.54 mm²
Generated magnetic flux density	2.37 mT/A
Probe head dimensions	Ø 1.8 mm
Max. generated magnetic flux density	200 mT
Connector - output	SMB, female, jack
Max. Burst-voltage	4 kV

Sales Partner:
ABSOLUTE EMC Llc.
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Application with BS 06DB-s



Fischer connector and SHV connector



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Scope of delivery with BS 06DB-s and HV SHV-SMB 1 m cable



Scope of delivery with BS 06DB-s and HV FI-SMB 1 m cable



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