

# P12t set

## Mini Burst Field Generator (B, Trigger)



### Short description

During the development phase the P12t mini burst field generator can be used to detect weak spots on assemblies. Fast transient magnetic field flows from the tip that follows the principle of a coupling clamp. The mini burst field generator has a TTL trigger input. Signals from out of the device under test or an external control logic can be used to synchronize the magnetic disturbance field. This allows for a precise noise immunity analysis of complex circuits during certain operating conditions.

### Scope of delivery

- 1x P12t, Mini Burst Field Generator (B, Trigger)
- 1x SMB-BNC 1 m, SMB-BNC Measurement Cable
- 1x NT FRI EU, Power Supply Unit
- 1x P12t case, System Case
- 1x P12t m, P12t Set User Manual

### Technical parameters

<b>External trigger input</b>	SMB, male, jack; 5 V TTL
<b>Generated magnetic flux density</b>	ca. 1 mT
<b>Pulse parameter</b>	
Frequency	single ... 10 kHz
<b>Trigger-pulse delay</b>	3 $\mu$ s
<b>Supply voltage</b>	6.5 V ... 15 V