

MANUELL AUTOMATION	<h1>Special Test Equipment</h1>	
<h2>Function Testing System with Magnetic Field Shielding</h2>		GNR 11185

Testing and handling system for subjecting various automotive control modules for access authorization to function test at end of production process. With final sorting according to "GOOD" and "BAD" and appropriate identification.

Layout of system

- Magnetic field absorbing testing cell
- Servo-driven linear slides with interchangeable specimen carriers
- Specimen carriers for holding various control modules
- Pneumatic X-Z handling for removing and putting down specimens
- "GOOD" specimen marked with cold embossing equipment and thermo-transfer printing
- "BAD" specimens marked with label
- Transport belt for sorting out "BAD" specimens
- Control of testing station with Siemens S7-300 with OP7 text display
- Interface to test system



MANUELL AUTOMATION

Special Test Equipment

Function Testing System with Magnetic Field Shielding

GNR 11185-2

Special features:

- Integration of magnetic field probe and its magnetic field shielding against the surroundings and ambient influences
- Realization of reproducible test environment with continuously uniform basic conditions
- Use of exclusively non-magnetic materials in testing chamber
- Archiving of test results and association with identifiable control modules
- No moving measuring or power supply lines
- Extremely short changeover time for specimen mounts
- Data provided for various labeling systems

