

# Measuring station for residual magnetism with zero gauss chamber



Instrument suitcase with gauss-meter, calibration certificate, connectivity software, reference magnet and power adapter

Zero gauss chamber  
17" in use

## Precise detection and reproducible measuring of residual magnetism

### What's important when measuring residual magnetism

Precise measuring of weak residual magnetism on parts requires a shielding of surrounding disturbing magnetic fields. The earth's magnetic field can cause an uncertainty in the measuring of residual magnetism of up to 100% with the current industrial limit values of 4 A/cm (5 Gauss) or less.

### Characteristics of the measuring station

- > measuring residual magnetism of parts without the influence of surrounding, interfering magnetic fields with a gaussmeter
- > the special metal alloy of the 17" and 21" zero gauss chambers screens the inside nearly entirely from surrounding magnetic fields such as the earth's own
- > calibration certificate guarantees traceability back to national standards (optional, not covered by the accretion of discount below)
- > power adapter enables operation of the M-Test LR gaussmeter without the 9V battery
- > connectivity software enables data transfer from the gaussmeter to a MS Windows PC
- > durable instrument suitcase protects the M-Test LR gaussmeter and its accessories

### Applications

- > quality control of ferromagnetic parts before, during or after the handover between supplier and customer
- > as auxiliary means of measuring for cleanliness analysis of ferromagnetic parts according to ISO 16232
- > for the precise measuring of residual magnetism in parts and assemblies

*Magnetizing & Demagnetizing Technology*



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# Residual magnetism measuring station

## Special set offers

Set Version					Article No.	Description
A	B	C	D	E		
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	30148	<b>M-Test LR</b> Measuring device for residual magnetism
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	30079	<b>Connectivity software incl. cable</b> For the connection and data transfer to a PC
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	30082	<b>Zero Gauss Chamber MM NGK 17"</b> To exclude the environmental magnetic field from measurements
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	30147	<b>Zero Gauss Chamber MM NGK 21"</b> To exclude the environmental magnetic field from measurements
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	30149	<b>Reference magnet 5 A/cm</b> Sensor reference checking
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	30041	<b>External PSU EP2 for M-Test LR</b>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Y01123	<b>Instrument suitcase, empty</b> Holds the above, with the exception of the Zero Gauss Chambers
<b>Special rebates</b>						
Set-E No. T-01300 <b>5% Rebate</b>						
Set-D No. T-01305 <b>10% Rebate</b>						
Set-C No. T-01310 <b>10% Rebate</b>						
Set-B No. T-01315 <b>15% Rebate</b>						
Set-A No. T-01320 <b>15% Rebate</b>						

Legend:

- included in set
- not included in set

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