

ICR HH100-6 近场微探头

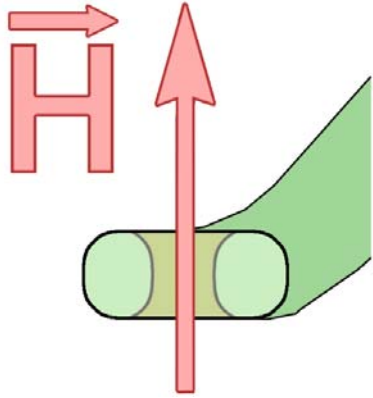
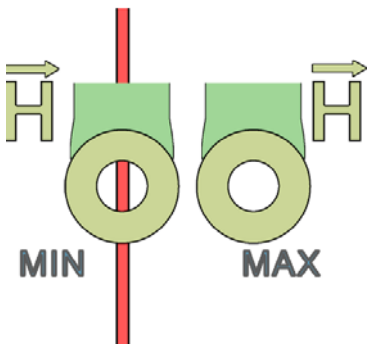
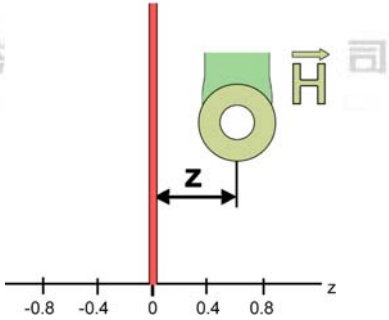
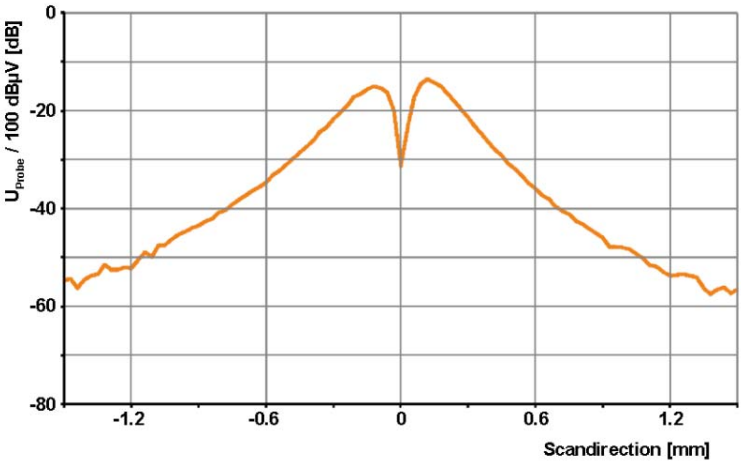


描述：

该探头以很高的分辨率和灵敏度测量磁场。距离被测物小于 1mm 时效果最佳。在探头内部，测量线圈是水平放置的。该探头屏蔽电场耦合。前置放大器集成在探头外壳中，探头外壳由 BT 706 T 型偏置供电。外壳上的调整螺钉允许将探针尖端手动对准探针外壳。探头支持 Langer 扫描仪的碰撞保护功能，在垂直移动过程中，如果触碰到被测设备，将停止移动。

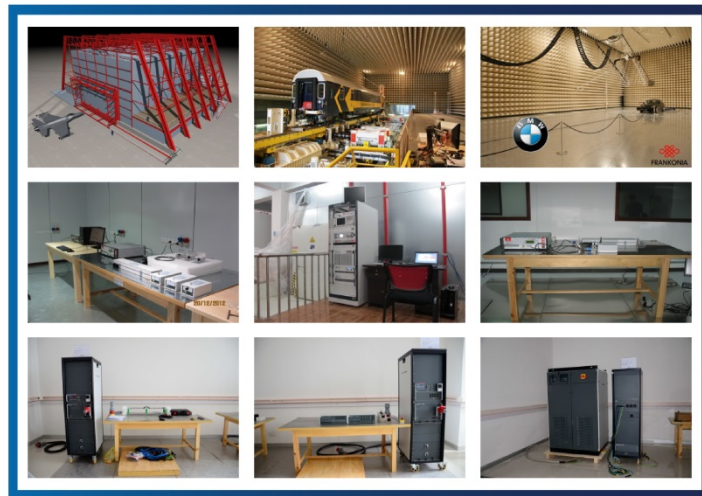
具体指标：

频率范围	2.5 MHz ~ 6 GHz
分辨率	70 μm
内径	100 μm
频率特性	<p>The graph shows the frequency response of the ICR HH100-06 probe. The y-axis is labeled $U_{\text{probe}} / 100 \text{ dB}\mu\text{V}$ and ranges from -80 to 0. The x-axis is labeled "Frequency [MHz]" and ranges from 0 to 6000. The curve shows a sharp rise from -80 dB at 0 MHz to about -20 dB at 1000 MHz, followed by a relatively flat response with some noise between -15 dB and -25 dB up to 6000 MHz. The title of the graph is "Frequency responds ICR HH100-06 @ Stripline width 20μm, distance 20μm".</p>

<p>测量原理</p>																	
<p>设计视图 1</p>	<p>Stripline</p> 																
<p>设计视图 2</p>	<p>Stripline</p> 																
<p>横截面</p>	 <table border="1"> <caption>Approximate data points from the cross-section graph</caption> <thead> <tr> <th>Scandirection [mm]</th> <th>$U_{Probe} / 100 \text{ dB}\mu\text{V} [\text{dB}]$</th> </tr> </thead> <tbody> <tr><td>-1.2</td><td>-55</td></tr> <tr><td>-0.6</td><td>-35</td></tr> <tr><td>0.0</td><td>-15</td></tr> <tr><td>0.1</td><td>-30</td></tr> <tr><td>0.2</td><td>-15</td></tr> <tr><td>0.6</td><td>-35</td></tr> <tr><td>1.2</td><td>-55</td></tr> </tbody> </table>	Scandirection [mm]	$U_{Probe} / 100 \text{ dB}\mu\text{V} [\text{dB}]$	-1.2	-55	-0.6	-35	0.0	-15	0.1	-30	0.2	-15	0.6	-35	1.2	-55
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联系方式

北京世纪汇泽科技有限公司

Beijing Century Wisdom Science & Technology Ltd.

邮箱: info@emctest.org

地址: 北京市海淀区学清路9号汇智大厦A座1108室

北京: +86 10 82732992 82732962 82732992 82732995

南京: +86 25 84528286

上海: +86 21 52911287

成都: +86 28 87435042

网址: www.emctest.org

苏州实验室: www.emctest.org.cn