

# Profound Wood Integrity Testing



## The WOODPECKER

SPE.00010 *The WOODPECKER*

### Wood Integrity Tester

<b>Application</b>	<ul style="list-style-type: none"> <li>✓ For accurate testing of wooden objects.</li> <li>✓ <i>The WOODPECKER</i> measures the integrity of wood, specified in the number of millimetres that the striker pin has invaded the wood.</li> <li>✓ The integrity gives an indication of the density, quality and load bearing capacity of the wood.</li> <li>✓ <i>The WOODPECKER</i> can test e.g. foundation piles, bridges, railways, utility poles and wooden playground/climbing equipment. Application areas also include tree farming and forest management.</li> </ul>																		
<b>Features</b>	<ul style="list-style-type: none"> <li>✓ Non-destructive wood integrity testing tool.</li> <li>✓ <i>The WOODPECKER</i> is provided with a wear indicator which reminds of replacing the striker pin in time.</li> <li>✓ Measurements remain accurate even after long and intensive use of the tool.</li> <li>✓ Thanks to minimal back-firing, measurements can be reproduced optimally.</li> <li>✓ Easy to use; also designed for use in crawl or damp spaces.</li> <li>✓ Optimized against water, humidity, soil, and dirt.</li> <li>✓ <i>The WOODPECKER</i> can be re-calibrated.</li> <li>✓ Safe to use if precautions are followed.</li> </ul>																		
<b>Procedure</b>	<p>The test consists of injecting a spring-loaded steel striker pin in the wood. The tester is first loaded and then pressed firmly against the wood surface to be tested. When the red trigger is pressed, the striker pin is propelled into the wood. A scale on the striker pin itself gives the depth of penetration in millimetres, and this is also shown on the display. These measurements can be compared with protocol reference tables, in order to give an indication of the density and quality of the wood. The striker pin is equipped with a wear indicator, showing when the striker pin has to be replaced.</p>																		
<b>Specifications</b>	<table border="0"> <tr> <td>✓ Measuring range</td> <td>0 – 50 millimetres</td> </tr> <tr> <td>✓ Double-heading tension</td> <td>61 ± 4.9 N (specified in certificate)</td> </tr> <tr> <td>✓ Pushing speed</td> <td>5.03 ± 0.24 m/s (specified in certificate)</td> </tr> <tr> <td>✓ Weight device incl. striker pin</td> <td>2,6 kg</td> </tr> <tr> <td>✓ Size casing</td> <td>length max. 31,7 cm; Ø max. 5,9 cm</td> </tr> <tr> <td>✓ Weight striker pin</td> <td>35 gram</td> </tr> <tr> <td>✓ Diameter striker pin</td> <td>Ø 5 mm</td> </tr> <tr> <td>✓ Housing</td> <td>made of high quality materials such as stainless steels and aluminium</td> </tr> <tr> <td>✓ A complete <i>WOODPECKER</i> is delivered in a solid case and consists of</td> <td>Wood Integrity Tester incl. striker pin, spare striker pin, loading device and adjustable pin wrench, calibration certificates and instruction manual.</td> </tr> </table>	✓ Measuring range	0 – 50 millimetres	✓ Double-heading tension	61 ± 4.9 N (specified in certificate)	✓ Pushing speed	5.03 ± 0.24 m/s (specified in certificate)	✓ Weight device incl. striker pin	2,6 kg	✓ Size casing	length max. 31,7 cm; Ø max. 5,9 cm	✓ Weight striker pin	35 gram	✓ Diameter striker pin	Ø 5 mm	✓ Housing	made of high quality materials such as stainless steels and aluminium	✓ A complete <i>WOODPECKER</i> is delivered in a solid case and consists of	Wood Integrity Tester incl. striker pin, spare striker pin, loading device and adjustable pin wrench, calibration certificates and instruction manual.
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