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# 60204 Safety Testers

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<http://www.whitelegg.com/product-search/60204-safety-testers>

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**For testing the electrical safety of machines and devices according to the machinery directive EN60204 and VDE113.**

- easy to read colour screen
- innovative handy data entry via an illuminated rotary button
- structured menu with practical functional buttons
- multilingual user software
- large storage capacity for subsequent data transfer
- PE resistance test in four-wire-technology
- insulation resistance test
- high-voltage test incl. burning function
- illuminated ring around the rotary button to shows the high-voltage level
- residual voltage test
- self-test via black box according to VDE regulations
- electronic PE test current control
- PE test with resistance or voltage drop display
- electronic high-voltage setting
- high-voltage with ramp up/down time
- three HV modes: manual, automatic with time lapse and burning
- worldwide voltage supply 110V...250V / 47...63Hz
- test start upon touching the test object with the PE test probe
- acoustical and visual status messages
- password protection
- digital I/O interface and analog actual value outputs for connection to other devices
- interfaces for printer, remote control or result query
- integration into production lines with PLC / PC remote control
- two-circuit safety inputs
- safety circuits with restraint-guided safety relays
- PrintCom-software to save and print test results on a PC
- designs options: tabletop unit, box unit, mobile caddy, 19"-installation
- can be fully configured and optimised for specific OEM requirements
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- Two versions available depending on connection



Version 1	Version 2
<p>The PE and insulation resistance tests are first performed by means of a test probe with an integrated control unit. Next the high voltage test is performed with two safety test pistols.</p> <p>This test can be actuated by a foot pedal or via a control unit integrated into the test pistol. various cable lengths or the test pistols are available</p>	<p>The test object is connected to the central earth point. All three tests can be performed against this single ground point with the same test pistol.</p> <p>By activating the selection switches on the hand held control panel, the test methods can be switched over.</p> <p>A test pistol with a pressure dependent start button is used. To start the test the test tip has to be pressed against the test object</p>