A smart factory uses modern automation systems, Internet of Things technology and realtime analysis to achieve a new level of flexibility and low production costs, even for minimum production quantities. Troubleshooting electrical and electronics systems in the Industry 4.0 requires flexible test and measurement equipment that can adapt to various needs.

The R&S®Scope Rider handheld oscilloscope provides the functionality of 8 instruments in a compact, robust, portable device. It features isolated inputs for hassle-free and safe measurements on the electrical distribution network inside a manufacturing plant. It also comes with an integrated multimeter (two-channel model). Advanced analysis functions allow for troubleshooting all kinds of problems in Industry 4.0 environments.

<table>
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<th>Your benefit</th>
<th>Features</th>
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| Rugged two/four-channel isolated input oscilloscope with laboratory-class performance | - 60 MHz to 500 MHz bandwidth  
- 10-bit ADC with 5 Gsample/s, 50,000 acquisitions/sec  
- Isolated input channels: CAT IV 600 V/CAT III 1000 V  
- Advanced triggering capabilities  
- 33 automatic measurement functions  
- IP61 housing that meets military requirements |
| 8-in-1 functionality | - Laboratory-class oscilloscope  
- Protocol analyzer (PC/SPi, UART, CAN/LIN, CAN-FD, SENT)  
- 8-bit logic analyzer  
- Multimeter with 12 measurement functions (two-channel model)  
- Data logger  
- Spectrum analyzer  
- Four-channel harmonic analyzer  
- High-resolution frequency counter |
| Designed for ease of use | - 7" capacitive touch display  
- Easy parameter adjustment with multifunction wheel  
- Wireless LAN remote control via web interface |
An integrated wireless LAN hot spot allow easy remote control directly from the web browser – with any notebook or tablet.

Languages supported: English, German, French, Spanish, Russian, simplified and traditional Chinese, Korean and Japanese.