

Ruggedness Testing By the Numbers

VANTA™ Handheld XRF Analyzer



1,500,000

Trigger pull cycles, representing 41 years of use

1,255

Times the data port door was open and closed—still passes IP testing

2,500 & 5,020

Instrument and battery insertion cycles to test the docking station

127,000

Power and back button cycles, representing 42 years of use



14–122 °F* (-10–50 °C)



The analyzer's working temperature range at full duty cycle, tested via 2,000 cycles in our temperature chamber

4-foot drop test



Dropped on each corner, face, and edge to military standards MIL-STD-810-G

3-year warranty**

Olympus stands behind the durability of Vanta analyzers with a standard 3-year warranty

500,000

Filter wheel cycles in our temperature chamber, representing 13 years of use

IP rated
Against dust and water

IP54 rated M series

Protected against water splashing against the instrument from any direction for 5 minutes



IP55 rated C and L series

Protected against water sprayed against the instrument (3.3 gallons of water per minute for 3 minutes)



988,000

The number of detector shutter cycles tested at ambient temperature (800,000) and in our temperature chamber (188,000)

Fast, Accurate, and Easy to Use

Learn more at www.olympus-ims.com/vanta