



LEADING WITH INNOVATION



Rigaku
Analytical Devices

KT-100 KATANA ENVIRONMENTAL & RUGGEDNESS TESTING RESULTS

Below is a table summarizing test results of the KT-100™ Katana™ handheld LIBS analyzer for ruggedness and reliability. KT-100 was designed for the scrap industry and built to withstand the realities of in-yard usage. You can rely on KT-100 to be ready when you need it!

TEST	SUMMARY
Low Temp Storage	-20°C for 7 days
Humidity	10 24-hour cycles of +30°C/60°C, 95% RH
High Temp Storage	Basic hot, induced for 7 cycles
Low Temp Operational	0°C for 60 minutes
High Temp Operational	40°C for 60 minutes
Thermal Shock	4 2-hour cycles of -30°C / +60°C
Shock, Bench Handling	4" drop on bench
Mech Shock	40G, 11ms, 3 axes
Vibration	Comp wheel, 1 hr/axis, 3 axes
Packaged Drop	26 drops from 48" height, packaged
Unpackaged Drop	26 drops from 36" height, unpackaged



**CERTIFIED TO U.S. MILITARY STANDARDS,
MIL-STD-810G & IP-54**



Rigaku Analytical Devices
Toll Free: +1 855.785.1064
Direct: +1 781.328.1024
Email: info@rigakuanalytical.com
www.rigakuanalytical.com