

# Component Dimensional Check

Technician	Peter Schmidt
Inspection Date	2024-11-29

This report presents the dimensional measurements and inspection results. All measured values are timestamped for audit purposes. Please review the inspection results for each component listed below. This data extract is prepared for quality-control sign-off. Below are the recorded measurements compared against nominal tolerances. Entries include both pass/fail markers and deviation magnitudes.

Item Code	KP-320E	WD-180S	XD-710R	TL-900X	XD-710R	VR-940T
Component	Plastic Rivets	Rubber Gasket 80mm	Rubber Gasket 80mm	Shaft 500mm	Hex Bolts M12	Battery Pack
Measurement	Thickness	Width	Depth	Width	Depth	Length
Nominal	43.12	78.37	50.38	33.71	13.67	14.03
Observed	43.17	78.32	50.23	33.63	13.87	13.87
Delta	+0.05	-0.05	-0.15	-0.08	+0.20	-0.16
Pass/Fail	OK	OK	OK	OK	OK	OK

Archive this inspection summary for regulatory documentation. Refer to deviation column for any out-of-tolerance measurements. Components failing inspection require immediate review and corrective action.

Instrument Calibration Log:

Instrument	Serial No.	Last Calibration Date
Micrometer	29606	2024-09-02
Micrometer	85649	2024-08-23
Micrometer	30822	2024-08-27