

# Component Dimensional Check

Inspection performed by Laura Rossi on 2024-03-30.

Refer to the dimensional log for all component size readings. This summary of measurements supports metrology traceability. Check that all dimensions comply with ISO and company standards. The following data captures key dimensions and any deviations identified. Use this results summary to trigger any corrective actions.

**Environmental Conditions:** Temperature: 24.0 °C, Humidity: 57 %

Article No.	Part Name	Dim.	Nominal	Observed	Delta	Status (V/X)
TL-900X	Plastic Rivets	Width	16.65	16.52	-0.13	V
LP-555V	Shaft 500mm	Height	85.17	85.34	+0.17	V
VR-940T	Rubber Gasket 80mm	Length	83.99	83.83	-0.16	V
RX-310Z	Rubber Gasket 80mm	Height	47.27	47.46	+0.19	V
CN-150C	Steel Sheet A36	Height	16.07	15.89	-0.18	V
RM-860N	Rubber Gasket 80mm	Inner Diameter	84.44	84.32	-0.12	V
CE-905L	Hex Bolts M12	Length	22.89	22.90	+0.01	V
DX-777T	Steel Sheet A36	Thickness	37.04	37.06	+0.02	V
MX-450L	Battery Pack	Height	57.98	57.83	-0.15	V
FT-730X	Plastic Rivets	Width	42.14	41.99	-0.15	V
GH-770J	Power Switch	Thickness	57.57	57.57	+0.00	V