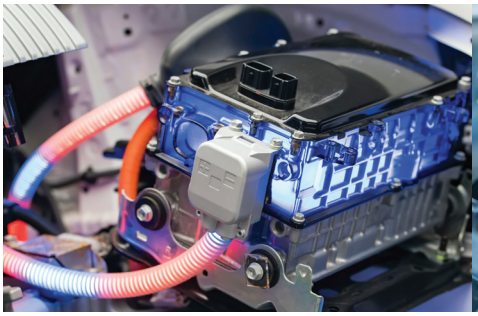
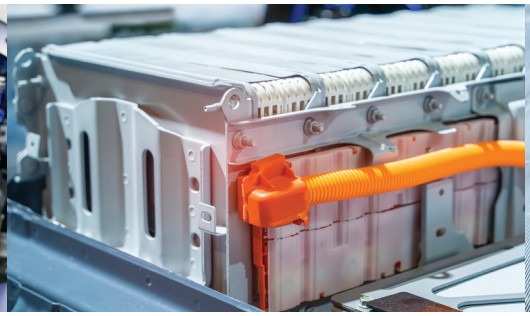
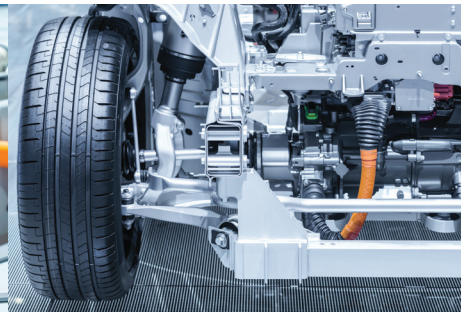
DATAMYTE™ | PRODUCT

INSULATED TOOLS TESTED AT 1000V RATED 10,000V INSULATED TOOLS

LIGHTSTAR™ EV TORQUE WRENCH

Insulated for Electric Vehicle and Battery Assembly Applications

- Precise torque measurement for production and quality control
- Patented insulated design and angle restart algorithm for accuracy
- Ensure safety in potentially hazardous electrical work environments

LIGHTSTAR™ EV TORQUE WRENCH

The high-growth EV market has spurred demand for tools that both collect data in a potentially hazardous electrical work environment and protect an operator from electric shock and injuries.

Most torque wrench manufacturers offer a non-conductive encloser for existing tool models – an approach that is not very reliable and can compromise safety of tool operators.

The body components of the DataMyte LightStar EV Torque Wrench are comprised of only non-conductive materials. This insulation delivers reliable, consistent and long-lasting protection against electrical shock and injuries.

WIRELESS WRENCH SIZES AND SPECIFICATIONS

10 Nm			
25 Nm			
Drive Size (SQ)		1/4"	3/8"
Weight		.9 lb (430 g)	.9 lb (430 g)
Head Width		1.0" (25mm)	1.0" (25mm)
Head Height		.9" (22mm)	.9" (22mm)
Head Height w/Drive		1.3" (32mm)	1.4" (36mm)
Head Length		1.8" (45mm)	1.8" (45mm)
Overall Width		2.0" (50mm)	2.0" (50mm)
Overall Length		11.3" (286mm)	11.3" (286mm)
Pull Length		7.0" (178mm)	7.0" (178mm)
Min/Max Range	Nm	1-10 Nm	2.5-25 Nm
	ft-lb	.74 - 7.38 ft-lb	1.84 -18.44 ft-lb

Torque Accuracy: 0.25% FSR (Full Scale Range)

RATING AND STANDARD COMPLIANCE

- Insulated 1,000 AC volt and 1,500 DC volt rated
- Meets ASTM F1505, EN/IEC 60900

NON-CONDUCTIVE BODY MATERIALS

- Torque head
- Transition ring
- Cover plate
- Power button assembly
- Torque handle assembly
- End cap
- External fasteners

SAFETY AND DURABILITY TESTING

- Dielectric test – Insulated Torque wrench assembly has been tested to 10,000V - both AC and DC
- Durability and deflection tests - 96000 cycles at 100% load, 10000 cycles at 150% load and the wrench still being within calibration and functional.
- Withstands robust impact testing

DATAMYTE™
Experts in the Connected Factory

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