

DATAMYTE™ LIGHTSTAR™ TORQUE WRENCHES

WITH HAPTIC VIBRATION TECHNOLOGY



Improve torque measurement interpretation and reaction time with newly enhanced Lightstar™ Torque Wrenches with comprehensive haptic vibration functionality.

Benefits of vibration technology:

- Improve reading notification in noisy production environments
- Improved measurement readings on large wrenches where it is difficult to see the light signals
- Discover non-conformities earlier in the process to improve reaction time

Unique vibration patterns will indicate:

- In spec measurement
- Out of spec measurement
- Over torque
- Set torque – in spec
- Set torque – out of spec
- Set angle – in spec
- Set angle – out of spec
- Torque curve exception (misread)



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How does it work?

The vibration motor will vibrate to reflect good or bad conditions when the operator pulls on the wrench to set or audit a fastener.



A good condition vibration will coincide with the green in-spec LEDs on the wrench and in-spec feedback from the data collector (DM600 or Revolution).



A bad condition will coincide with the red out-spec LEDs on the wrench and out-of-spec feedback from the data collector.



Other conditions will be indicated by different vibrations.



The vibration functionality can be disabled by the operator if so desired.

Condition	Vibration
In spec measurement, set torque, set angle	Strong buzz lasting 0.5 seconds
Out of spec measurement, set torque, set angle	Alternating strong buzz/soft buzz lasting 1 second
Over torque	Eight ramping down buzzes lasting 2.5 seconds
Torque curve exception (misread)	Series of short pulses lasting 1 second

How to enable/disable: Wrench vibration will be either enabled for all vibration conditions or disabled. Pressing the power button twice will toggle the vibration state between enabled and disabled.

Q&A

Will vibration be standard or an option on new LightStar™ Torque wrenches?

- Vibration will be a standard feature on every wrench (digital and wireless).
- Upgrade available on wrenches with firmware versions: DLS – 3.0.0-3 and WLS – 3.0.0-3

Did the price go up?

- No, list price for upgraded vibration wrenches will remain the same as non-vibration wrenches.
- We also offer services to upgrade wrench circuit board components and add a vibration motor.

Is there a charge to update/upgrade previously sold wrenches?

- Yes, for wrenches under a Support & Maintenance Agreement (SMA) it is \$249 + shipping cost.
- No SMA? The cost to upgrade is \$499 + shipping.



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