

TX40



REFERENCE

Ex Certified Torch, TX40

Maintenance free with emergency light activation

Induction technology allows recharge within Ex zones

Latest LED technology optimizing performance and battery life

Concealed power conductors increase protection against the elements

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Ex Certified System



The Reference torch and charger system has been developed with low maintenance in mind. Intelligent routines regularly perform specific tests on both torch and charger to monitor the system condition. Complex charging routines are performed at scheduled intervals to ensure optimal battery capacity, and to maintain long term durability.

Reference Ex torches utilize the latest Light Emitting Diode technology to ensure optimized performance and operation time. The high efficiency LED combined with a 4° lens produce a bright and uniform beam of light on any targeted surface area.

The charging system utilizes galvanic power transfer, eliminating conductivity problems commonly experienced with exposure to saltwater, oil spills, and extreme weather conditions. This patented high efficiency induction technology also enables the Reference torch to be recharged within Zone 1 hazardous environments, and operated under Zone 0 conditions.

An optional safety feature allows the Reference Ex torch and charger to be sealed with a securing wire, focusing application towards emergency lighting equipment. In the event of a power outage, the torch will automatically turn on and illuminate its location, making the Reference solution an important part of safety installations.

Reference products aim to become an essential multifunctional solution directed towards potentially explosive environments. Improved operational properties, reduced maintenance requirements, and specialized safety features make the Reference torch ideal for hazardous work areas.

All Reference products are supplied with a 3 year warranty.

Model name	Torch	TX40
	Charger	CX40
Measurements (mm)	Torch	230x70x70
	Charger	185x65x60
Certification code	Torch	Ex II 1 G Ex ia IIC T3
	Charger	Ex II 2 G Ex mb II T4
Area classification (gas)	Torch	Zones 0, 1 & 2 - Gas groups IIA, IIB, IIC
	Charger	Zones 1 & 2 - Gas group II
Ambient temperature	-40/60°C	
Ingress protection (IP)	67	
Light type, effect	High efficiency LED, 3 watts	
Performance (1m)	200 lm	
Operation time	5 hours	
Recharge time	3 hours (80% in 2 hours)	
Operating life	More than 1000 recharge cycles	

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