

# IMAGINE...

...A laryngoscope system that provides up to 12 months of theatre use on one charge and tells you when it needs recharging...



ION-R™

...makes you think, doesn't it?

**TIMESCO**  
INSTRUMENTS FOR LIFE

# ION-R LITHIUM RECHARGABLE ENGINE



A laryngoscope system that provides up to 12 months of theatre use on one charge and tells you when it needs recharging...

## ION-R ENGINE

The Timesco ION R Engine has patented technology that delivers controlled, powerful illumination for up to 12 months on a 1 hour charge in a Timesco ION-R charger and provides an early warning system to advise when there is less than 1 hour of available illumination.

Expected battery life on one charge of over 41 hours (over 2500 intubations or up to 12 months\*) The ION-R lithium battery life cycle is typically 1000 recharge cycles.

It has a typical constant LED output of 43,000 LUX and a life cycle of 500 hours (over 30,000 intubations or 16 years\*).

The microprocessor is programmed with a patented behavior mode. The light intensity will always be at a constant Lux and not diminish when the power from the batteries declines.

A simple on/off switch is located on the engine. This button is also engaged from the button on the outer ION handle or Single Use Skin Handle.

There is a locator pin to ensure insertion only in ION Reusable handles and Single Use Skin handles.

Optimum operating temperature range between -20°C and +60°C.

Engine will flash once every 5 seconds when there is less than 1 hour of battery life remaining. Engine will flash once every 2 seconds when there is less than 15 minutes of battery life. Engine will not switch on if there is less than 5 minutes of battery life.

Engine will switch off automatically after 10 minutes to save battery life if left on.

Patent protected behavior mode and operating cycles.

No more cross infection from laryngoscope handles placed in recharger ports. Because only the engine is placed in the recharger and not the handle, this removes the possibility of a potentially contaminated handle contaminating a recharger and any subsequent handle placed into the same charger.

Guaranteed for 7 years.

ION R Engines are compatible with ION Reusable Handles and Single Use Skin Handles. Must be recharged in a Timesco ION R Recharger.

The following solutions are approved for use with ION and SHAKERSCOPE reusable Handles; please refer to the respective manufacturers guidelines for use.

Aseptisol<sup>®</sup>, Bleach Solutions 10%, Cavicide<sup>®</sup>, Enviroid<sup>®</sup>, Cidex<sup>®</sup>, Lysetol<sup>®</sup> FF, Hydrogen Peroxide 3%, Isopropyl Alcohol 70%, Manu-Klenz<sup>®</sup>, Phenols 2%, Puristeril Plus<sup>®</sup>, Quaternaries, Sani-Cloth<sup>®</sup> HB, Sporotal<sup>®</sup> 100, Super Sani-Cloth<sup>®</sup>.

*\*Assuming a usage time of 1 minute per intubation, 5 intubations per day, seven days per week, every week and based on Alkaline batteries used at an ambient temperature of 20°C.*

