

IMAGINE...

...A super bright LED laryngoscope system with the efficiency to provide up to 10 years of theatre use from one set of batteries and it tells you when the batteries need replacing...



ION™

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

TIMESCO
INSTRUMENTS FOR LIFE

ION HANDLE & ENGINE



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ION ENGINE

The Timesco ION Engine, has patented technology that delivers controlled, powerful illumination from a LED that has a life cycle of 500 hours (over 30,000 intubations or 16 years*). The LED has a typical constant output of 43,000 LUX.

The expected battery life on one set of batteries is 350 hours (over 21,000 intubations or up to 10 years*). The engine is powered by 2 C size batteries, we recommend alkaline batteries.

Optimum operating temperature range is dictated by the Alkaline battery but this should typically be between -20°C and +60°C.

A unique locator pin ensures insertion only in ION Reusable handles and Single Use Skin Handles.

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.

Guaranteed for 10 years.

**Assuming a usage time of 1 minute per intubation, 5 intubations per day, 7 days per week, every week and based on Alkaline batteries used at an ambient temperature of 20°C.*

ION REUSABLE HANDLE

The reusable ION Handle has an over moulded silicon on/off button to prevent fluid and dirt ingress to engine. The handle has indelible laser etched markings showing charging information.

The handle has no mechanical or moving parts, to eliminate fitting issues and maintenance and repair costs.

Strong and durable stainless steel over molded metal head for a secure fit, fully compatible with ISO 7376 for green fitting fibre optic laryngoscope blades. Sealed optical glass lens in the metal head to prevent any fluid or moisture ingress into the handle to protect the engine from contamination.

Internal metal head is "keyed" to ensure only the correct engines fit into the handle (ION Engine into an ION Handle).

High impact fully autoclaveable PSU (Polysulphone) handle will withstand a minimum of 500 autoclave cycles of 134°C for up to 18 minutes. The following solutions are approved for use with ION and SHAKERSCOPE reusable Handles; please refer to the respective manufacturers guidelines for use: Aseptisol®, Bleach Solutions 10%, Cavicide®, Envirocide®, Cidex®, Lysetol® FF, Hydrogen Peroxide 3%, Isopropyl Alcohol 70%, Manu-Klenz®, Phenols 2%, Puristeril Plus®, Quaternaries, Sani-Cloth® HB, Sporotal® 100, Super Sani-Cloth®.

Simple screw cap for easy access to engine with replaceable coloured O rings to prevent engine contamination and allow departmental colour coding.

Guaranteed for 10 years.

