

IMAGINE...

...A laryngoscope system
that never requires batteries...



SHAKE FOR 30 SECONDS
FOR A FULL CHARGE

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

TIMESCO
INSTRUMENTS FOR LIFE

SHAKERSCOPE HANDLE & ENGINE



A laryngoscope system that never requires batteries...

SHAKERSCOPE ENGINE

The Shakerscope Engine is the World's only Kinetically powered battery engine available for medical device handles. Protected by worldwide patents, the Shakerscope Engine means never buying batteries again, ever.

30 seconds of shaking provides 3 minutes of illumination.

The microprocessor is programmed with a patented behavior mode. If there is insufficient energy to provide 3 minutes of light when the engine is switched on, the LED will flash rapidly 5 times and then switch off. This failsafe ensures the engine will always provide 3 minutes of light once switched on. After 2 minutes of light the LED will flash once every 5 seconds to indicate a low reserve of 1 minute of light. When 20 seconds of light remains the LED will flash once every 2 seconds. After the full 3 minutes, the LED will switch off. Thus advising the user of the state of charge at all times. The engine will hold at least 90% of its charge after 1 month at 20°C.

The LED has a typical constant output of 20,000 LUX and a life cycle of 500 hours (over 30,000 intubations or 16 years*)

Optimum operating temperature range between -20°C and +50°C.

The unique locator pin ensures insertion only in SHAKERSCOPE reusable handles and Single Use Skin Handles.

Patent protected behavior mode, kinetic system 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.*

SHAKERSCOPE HANDLE

The reusable Shakerscope Handle has an over moulded silicon on/off button to prevent fluid and dirt ingress to the 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. Simple screw cap for easy access to engine with replaceable coloured O rings to prevent engine contamination and allow departmental colour coding.

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 (Shakerscope Engine into a Shakerscope 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®, Enviroid®, Cidex®, Lysetol® FF, Hydrogen Peroxide 3%, Isopropyl Alcohol 70%, Manu-Klenz®, Phenols 2%, Puristeril Plus®, Quaternaries, Sani-Cloth® HB, Sporotal® 100, Super Sani-Cloth®.

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