

SPEED-E

BATTERY POWERED TECHNOLOGY

**Welcome to Speed-e
and the benefits
of cordless steam
cleaning**





Amongst the many challenges faced by commercial cleaning operators, those relating to productivity, health and safety and the environment would probably rank amongst the highest.

In support of the cleaning operators, the key players in the equipment sales market are evolving new products that are simple to operate and reduce cleaning costs. One such company, Steam-e, is leading the way with its innovative products in the steam cleaning segment.

Steam cleaning is increasingly viewed by those within the cleaning industry as the optimum way to clean. The reasons are compelling considering the industry's

challenges: There is no longer the need to use harsh chemicals which can harm the environment and no requirement for specialist safe-handling training. Cleaning is performed at a temperature at which practically all known organisms are destroyed. Surfaces can be sanitised effectively and grease broken down easily.

However, despite the attractive benefits, many operators have so far fallen short of a transition to cleaning with steam due to the drawbacks of traditional steam machines: The 15 minute wait for the boiler to come to temperature. The unreliability of machines as they become used. With the cost of labour representing upwards of 90% of most cleaning contracts, many people's experiences of steam cleaning has been that it is impractical and involved too much set up or downtime for it to be acceptable from a productivity point of view.

That was until now. Thankfully, Steam-e has turned their expertise in gum removal and cordless technology to the challenge of steam cleaning and in the process taken steam technology into the 21st century and possibly to the verge of a new industrial cleaning revolution.

Battery powered

Made in the UK to BS EN9000:2000 the Speed-e uses a lithium-ion battery to



create steam. The specially designed heater, which is located just ahead of the cleaning nozzle instantly and repeatedly heats pulses of water to 312°F degrees which exits as steam at the point of cleaning at 240°F degrees. This compares to conventional steam machines delivering closer to 190°F degrees at point of cleaning due to lost temperature between the boiler and the cleaning point.

Instant

Rather than wait for the boiler and its element to reach temperature, which can take on average 15 minutes with existing machines, the Speed-e is at temperature within 10 seconds. This translates to a significant saving. For example an operator using a Speed-e twice a day, on a daily basis, benefits from a productivity saving of 3.5 hours every week.

Constant

The Speed-e suffers no loss of pressure and is ready to use at an instant and for prolonged periods. It enables the user to work with steam produced at a constant temperature and pressure and operates

consistently and effectively from a single battery for over an hour between charging.

Cordless

As it is cordless and there are no power cords, a massive potential health and safety issue is avoided. Its portability is of additional benefit for use in areas without power sockets, such as washrooms, in large venues or outdoor spaces, and in the case of the transport sector, off the platform.



Mike Eaves, Traincare Manager for GWR explained "The Speed-e will enable us to clean train toilets from ceiling to floor in the time allocated to get the train back into service. I am also looking forward to being able to use the Speed-e to thoroughly clean previously inaccessible areas of the

car which have always been a problem for us to do effectively in normal daily clean using traditional methods."

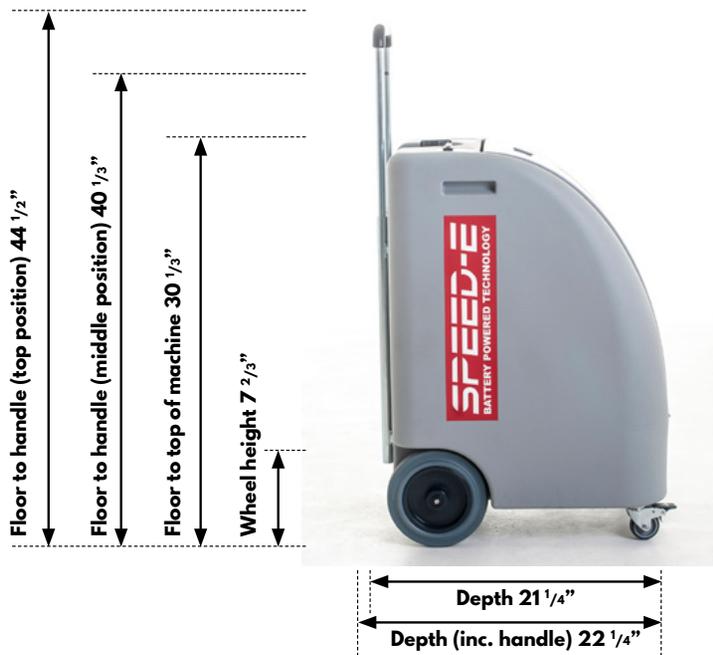
Chemical free

Using steam eliminates germs effectively and enables sanitizing without the use of chemicals. This is of particular importance in the healthcare sector where its use can improve productivity and also help to slow the resistance of harmful organisms to antibiotics. As an example, it can have major benefits in speeding up the preparation of wards for new patients, enabling a bed to be cleaned and sanitised in around 2 minutes, and providing major improvements in a hospital's ability to meet its targets.

Dr Lester Russell BM DRCOG MRCGP MBA explains "Antibiotic resistance is a growing concern in any health care environment. The prospect of a post antibiotic era where people could succumb to infections which have been easy to treat for many years is a horrendous prospect for us all. This solution, which can reduce or eliminate the risk of infection with resistant organisms will be invaluable."



SIDE ELEVATION



FRONT ELEVATION



OVERALL DIMENSIONS (inch)

Height:	30 1/3"
Width:	17 3/4"
Length:	21 1/4"
Hose length:	98"

WEIGHT (lb)

Machine weight:	31 lb
Heater:	2 lb
Handle & hose assembly:	2.85 lb

WATER TANK

Capacity:	0.8 gal internal reservoir
Fluid:	Tap water and diluted chemical

PUMP

Type:	Peristaltic
Flow rate:	0.85 oz per minute
Pump motor:	DC
Weight:	3.3 lb

BATTERY

Technology:	Lithium ion
Voltage:	36 volt
Amp hours:	21.2 Ah
Weight:	10 lb
Run time:	70 minutes

ELECTRICAL CHARGING

Charge:	41 volt, 5 amp fast charger
Charge time:	100% 5 hours - 80% 3 hours

HEATER

Power:	1500w
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OTHER

Approvals:	UN 38.3
Battery life cycle:	1000 to 1200 times <small>(The number of times the battery can be recharged)</small>
Heating element:	Max. operating temp 156°C 312°F <small>Working steam temperature 110°C 230°F.</small>

OPERATION

Time to full cleaning temperature from start up:	10 seconds
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LOGISTICS

Net weight:	51 lb
Packaged weight:	55 lb
Packaged dimensions:	25 x 21 x 36"

GUARANTEE

Standard:	1 year guarantee
Extended:	Extended service available

For more information, contact: sales@steam-e.com