ST 600 EQUIPMENT DISINFECTANT

- **Disinfects areas on equipment missed by staff**
- **Reduce clinical time spent disinfecting equipment**
- **360° degree disinfection to your *entire device*.**
- **ULTRAVIOLET-C LAMPS: ST-600 features 8 UV-C lamps that eliminate up to 99.9% of bacteria in few minutes**
- **SAFE AND SECURE TO USE: The sanitizer's light automatically shuts off as soon as you open the door. This ensures user's protection from potential UV exposure**
- **CHEMICAL-FREE: The sanitizer operates on UV light technology that is effective in cleansing your phone without any harsh chemicals**
- **PORTABLE: Thanks to its sturdy wheels, you can move the ST-600 to many areas**

Effective –
•4-log disinfection

Fast
•Can disinfect surface of the objects in minutes with (99.99% disinfection Environment friendly
•Chemical free disinfection, no residuals on object surface.
•No collateral damage to the environment
•Ozone free (Ozone is a poisonous gas; it creates irritation and especially people with respiratory problems such as asthma should not be exposed)

Safety
•The product is fully compliant with the safety standard IEC60335-1: 2010
* Direct exposure of UV-C is dangerous to living beings, chamber only starts when the door is securely closed, and disinfection cycle is activated
•Auto power o when the chamber is open ensuring no UV-C exposure to user

Robust
•Stainless-Steel chamber with sturdy wheels
•Easy to use, one touch operation

Based on the data available from the National Emerging Infectious Diseases Laboratory (NEIDL)1 at Boston University, which will be the subject of a forthcoming scientific publication by Boston university in a laboratory setting2, Signify' s UV-C light sources irradiating the surface of a material inoculated with SARS-CoV-2 (the virus that causes the COVID-19 disease) at a UV-C dose of 5Mj/cm2 (exposure time 6 seconds) resulted in a 99% reduction of the SARS-CoV-2 virus present on the surface. The same study determined that a UV-C does of 20mJ/cm2 resulted in a reduction of 99.9999% of SARS-CoV-2 virus on the surface (exposure time 25 seconds).

Spotless Tech
317 Pinehurst Circle,
Alpharetta, GA 30004
678-936-7389
Info@spotless-tech.com

			Fluence UV dose (mJ/cm2)								
Virus	Host	Lamp Type	UV-1	UV-2	UV-3	UV-4	UV-5	UV-6	Protocol	Notes	Reference
SA-11	Monkey kidney Cell line MA 104	LP	8	15	27	38			yes		Sommer et al. 1989
	MA 104 cell line	LP	*20*	*80*	*140*	*200*			no		Caballero et al. 2004
SA-11	MA 104 cell line	LP	7	15	25				yes		Chang et al. 1985
SA-11	MA 104 cell line	LP	9	19	26	36	48		yes		Wilson et al. 1992
SA-11	MA 104 cell line	LP	7	15	23				yes		Battigelli et al. 1993
SA-11 ATCC VR-1565 method: cell culture; assay based on CPE	MA 104 cells ATCC CRL-2378.1	LP	7	15	31 + tailing				yes		Li et al. 2009
SA-11 ATCC VR-1565 method: RT-qPCR assay	MA 104 cells ATCC CRL-2378.1	LP	29	58	88	117 + tailing			yes		Li et al. 2009
Human (HRV-Wa)	N/A	LP	16	24	32	40			yes		Hu et al. 2012
SA-11	MA-104 cell line	LP	10	21	32	43	53		yes		Wilson et al. 1992
Siphoviridae	*E. coli* C	LP	1.8	3.6	5.7	7.5	9.3		yes		Shin et al. 2005
T1											
	E. coli CN13	LP	*N/A*	*N/A*	*N/A*	*13*			yes		Rodriguez et al. 2014
	E. coli CN13	MP	*N/A*	*N/A*	*N/A*	*19*			yes		Rodriguez et al. 2014
T1UV											
HER 468	*E. coli* CN13 ATCC 700609	LP	N/A	8.3					yes	Action spect-rum	Beck et al. 2015
HER 468	*E. coli* CN13 ATCC 700609	Laser 254 nm	4.3	8.5	13	17			yes	Action spect-rum	Beck et al. 2015
T4											
	E. coli	LP	1.1	2.0	3.0	4.0	6.7		yes		Bohrerova et al. 2008
	E. coli	MP	1.1	1.7	2.6	4.0	7		yes		Bohrerova et al. 2008
	E. coli	LP	3.6	8.0	13				yes		Hu et al. 2012
ATCC 11303	N/A	LP	3.7	7.4	11	17	23	29	yes		Timchak & Gitis 2012

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