

# SurCapt™

## Microbial Surface Detection Kit



**PARTICLE  
MEASURING  
SYSTEMS®**

*Without measurement there is no control*

# SurCapt™ Microbial Surface Detection Kit



## Ready To Use

**Optimize your time:** Just open the bag and start sampling with the new SurCapt™ Microbial Surface Detection Kit. Each single kit is composed of a tube with a pre-moistening sponge embedded in SRK solution with a FLOQSwab™, and one detection vial filled with 10 ml of Tryptic Soy Broth.

This is the perfect solution for critical surface monitoring in aseptic areas, providing results before the next production shift, within 24 hours. Because of the high rate of recovery from the flocked swab (>70%), the recovery rate achieves a very high level.



## Automatic Reading

**Move to automation:** Pharmaceutical companies have realized the tangible benefits of automated, non-destructive rapid detection to their quality control laboratories and are moving away from the manual, resource intensive, inefficient, traditional method for microbial quality control testing. With the SurCapt Microbial Surface Detection Kit these problems are a thing of the past. The SurCapt kit enables a sample to be taken from a surface by swabbing, and returned to the laboratory ready for analysis using the GreenLight® reader detection.

The instrument can support up to 216 samples at the same time.

Once a test is finished, a release report is generated that confirms if the sample passed or failed the control test.

## High Sterility Assurance Level Guarantee

**Increase compliance:** The SurCapt Microbial Surface Detection Kit meets GMP Compliance guidance for microbiological monitoring in cleanrooms and sterile production facilities during aseptic and sterile production. The kits are manufactured under ISO 9001:2008 quality standards, following strict and regimented automated filling protocols. The gamma irradiated packaging contains three bags for maximum protection from external contamination. The H2O2 impermeable double packaging improves functionality in multiple aseptic areas, such as isolators.



## A Certainty: One Microorganism

**Limit of detection:** The GreenLight® reader for the SurCapt Vial is able to detect a single microorganism within a sample, bringing the sampling sensitivity to a new level.

Each vial is labeled with a unique barcode that is automatically read by the system, providing sample traceability and tracking. Thus, eliminating errors associated with human intervention.

A positive test result? No problem. The test is non-destructive and any microorganism grown can be easily analyzed further for speciation.



### Surface Detection Kit

Materials	Each individual gamma irradiated peel pouch kit contains: - SurCapt vial: polypropylene vial with integrated platinum porphyrin polymer and 10 ml of TSB - FLOQSwab: flocked swab in polypropylene tube with sponge and 1ml of Surface Rinse Kit™ (SRK)	
Dimensions	SurCapt vial - 15 ml capacity vial: - 120 mm length including red stopper - 17 mm diameter	Swab tube: - 175 mm total length including green stopper - 12 mm external diameter
Filling Volume	10 ml	
Media	Tryptic Soy Broth (TSB)	
Additives	Neutralizers included in the SRK buffer	
Packaging	Two bags containing five kits each are triple-bagged together, 20 of the triple-bagged units are placed inside a fourth plastic bag to produce a final package containing a total of 200 vial kits.	
Storage Temperature	5 °C - 25 °C (41 °F to 77 °F)	
Approximate Detection	10 <sup>9</sup> to 10 <sup>8</sup> cells	

### GreenLight Automated Reader

Model	Model 930-15 uses 15 ml capacity vials or adaptors	Operating Temperature	18 °C to 24 °C (64.4 °F to 75.2 °F)
Test capacity	24 vials	Storage Temperature	10 °C to 35 °C (50 °F to 95 °F)
Throughput	Up to 216 tests in pass/fail mode	Relative Humidity	0 - 95% non-condensing
Power (adaptor supplied)	100-240 VAC, 50-60 Hz Output 72 W max	Dimensions (H x W x D)	31.8 x 30.50 x 38.14 cm (12.52 x 12.01 x 15.02 in)
USB ports	1 USB peripheral port 1 external Barcode Reader port	Weight	12.30 kg (27.12 lbs)
Internal Incubation Temperature	Ambient 2 °C to 40 °C (35.6 °F to 104 °F)	Accessories	Laptop computer (pre-loaded with GreenLight software), extra carousel (24 places), external Barcode Reader

The SurCapt™ vial uses GreenLight® Technology, GreenLight® is a registered trademark of Luxcel BioSciences, Ltd. FLOQSwab™ and Surface Rinse Kit™ (SRK) are trademarks of COPAN Diagnostics Inc. Windows® is a registered trademark of Microsoft Inc. All other trademarks are the property of their respective company. Particle Measuring Systems, Inc. reserves the right to change specifications without notice.

### HEADQUARTERS

5475 Airport Blvd  
Boulder, Colorado 80301 USA  
T: +1 303 443 7100, +1 800 238 1801

Instrument Service & Support  
E: +1 800 557 6363  
Customer Response Center  
T: +1 877 475 3317  
E: info@pmeasuring.com

### GLOBAL OFFICES

BRAZIL  
T: +55 11 5188 8227  
E: pmsbrazil@pmeasuring.com

CHINA  
T: +86 21 6113 3600  
E: pmschina@pmeasuring.com

FRANCE  
T: +33 (0)6 82 99 17 98  
E: pmsfrance@pmeasuring.com

GERMANY  
T: +49 6151 6671 632  
E: pmsgermany@pmeasuring.com

ITALY  
T: +39 06 9053 0130  
E: pmsrl@pmeasuring.com

JAPAN  
T: +81 3 5298 8175  
E: pmsjapan@pmeasuring.com

KOREA  
T: +82 31 286 5790  
E: pmskorea@pmeasuring.com

MEXICO  
T: +52 55 2271 5106  
E: pmsmexico@pmeasuring.com

NORDIC  
T: +45 707 028 55  
E: pmsnordic@pmeasuring.com

PUERTO RICO  
T: +1 787 718 9096  
E: pmspuertorico@pmeasuring.com

SINGAPORE  
T: +65 6496 0330  
E: pmsingapore@pmeasuring.com

TAIWAN  
T: 886-3-5525300 Ext: 301  
E: pmstaiwan@pmeasuring.com

UNITED KINGDOM  
T: +44 1684 581 000  
E: pmsemea@pmeasuring.com

