

## ATP Complete® Hand Held Device

For use with the  
ATP Complete® Contamination Monitoring System

Item No. 345ATP

**Verify Cleanliness and Measure Microbial Contamination on any Scope, Cannulated Instrument or Surface in 15 Seconds!**

The Ruhof ATP Complete® System is a quick, easy to use and reliable method to check for microbial contamination. ATP Complete® can be used throughout your healthcare facility where rapid detection of contamination is crucial. In just 15 seconds ATP Complete® verifies the efficacy of cleaning protocols on all non-critical surfaces, surgical instruments, and endoscopes.

The Ruhof ATP Complete® Contamination Monitoring System detects Adenosine Triphosphate (ATP), the universal energy molecule found in all human, animal, plant, bacterial, yeast, and mold cells. Product residues, particularly blood and bioburden, contain large amounts of ATP. Microbial contamination contains ATP, but in smaller amounts. After cleaning, all sources of ATP should be significantly reduced.

When ATP is picked up by the tip of the Test® Swab and brought into contact with the unique, liquid stable luciferase/luciferin reagent in the Test® Swab tube, light is emitted in direct proportion to the amount of ATP present. The Test® Swab is then placed in the ATP Complete® hand held unit where it measures the amount of light generated and displays the level of contamination present in just 15 seconds.



The hand held unit can then be synced to a PC where the reading is down-loaded to an easy-to-use database management software for tracking the results. The software program can be used to run comparison charts and produce color trend analysis graphs and reports.

The Ruhof ATP Complete® Contamination Monitoring System is an invaluable aid for Sterile Services Managers, OR Managers, GI Managers, Infection Control Teams, Environmental Service Managers and Engineers to complement established work place hygiene protocols. It is an excellent tool that can be used to enhance or identify problem areas, as well as make workplace cleanliness cost-effective and provide evidence of due diligence to satisfy regulatory requirements.

### Common Applications

The Ruhof ATP Complete® Contamination Monitoring System can be used in any area of a medical facility to test for microbial contamination. The Ruhof ATP Complete® can test the cleanliness of all washer-disinfectors, examination rooms, operating rooms, restrooms, waiting rooms, etc. along with testing counters, bedrails, blood pressure cuffs, toilets, faucets, hand rails, beds, computers I.V. poles, etc. - anywhere contamination can grow, affecting patient and staff health.



Use Test® Instrusponge for interior channels of scopes and cannulated instruments.



Use Test® Swab for instruments and surfaces.



continued

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## Directions for Use *(for complete directions refer to User Manual)*

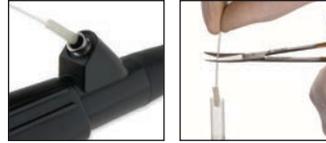
Testing should be done after cleaning, prior to high-level disinfection or sterilization.

### For All Surfaces using the **Test® Swab**



1. Take the Test® Swab out of the tube and swab area of interest.
2. Replace the Test® Swab. Hold the swab tube firmly and use the thumb and fore-finger to break the Snap Valve by bending the bulb forward and backward. Squeeze the bulb twice, expelling all liquid down the swab shaft. Bath the swab bud in liquid by gently shaking for 3 seconds.
3. Insert the Test® Swab tube into the Ruhof ATP Complete® hand held device, close and press the OK button. In 15 seconds the ATP Complete® device will display the amount of contamination detected.
4. The Ruhof ATP Complete® hand held device can then be synced to your computer and the reading is downloaded to the Ruhof ATP Complete® software program provided.

### For Scopes and Cannulated Instruments using the **Test® InstruSponge**



1. Follow proper scope cleaning protocols.
2. After cleaning, pass the Test® InstruSponge™ through the scope channel or instrument cannula.
3. Remove the Test® Swab from the tube. Place the tip of the Test® InstruSponge™ into the Test® Swab tube and cut the tip off using clean scissors or scissors that have been treated with rubbing alcohol.
4. Replace the Test® Swab into the tube with the tip of the Test® InstruSponge™ and snap the top to release the reagent.
5. *Follow steps 3-4 to the left.*

## Recommended Pass/Fail Criteria

Application	Recommended Pass/Fail Criteria	
	Pass (RLU)	Fail (RLU)
<b>Scopes and Surgical Instruments</b>	<b>0-100</b>	<b>101 and over</b>
<b>Sterile Processing - General</b> <i>(all non critical surfaces in procedure rooms, restrooms, waiting rooms, etc.; for testing counters, bedrails, blood pressure cuffs, toilets, faucets, hand rails, beds, computers, I.V. poles, etc.)</i>	<b>0-45</b>	<b>46 and over</b>

If you have a test failure contact Ruhof for advice on the best cleaning practice and products available that will help turn a fail into a pass.

### Catalog Numbers of Other Components:

**Test® Swab** - Item No. 345US

#### Test™ Instrusponge®

- Item No. 345TSPG1      1mm sponge diameter x 240cm wand length
- Item No. 345TSPG1.5      1.5mm sponge diameter x 240cm wand length
- Item No. 345TSPG2      2mm sponge diameter x 240cm wand length *(Available Sterile)*
- Item No. 345TSPG3      3mm sponge diameter x 240cm wand length *(Available Sterile)*
- Item No. 345TSPG4      4mm sponge diameter x 240cm wand length *(Available Sterile)*
- Item No. 345TSPG5      5mm sponge diameter x 240cm wand length

**Ruhof ATP Complete® Software** - Item No. 345SOFT

**Calibration Control Kit** - Item No. 345PCD

It is recommended to verify calibration with the Calibration Control Kit every three months.



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