

Milliflex® Rapid 2.0 AutoSpray Station

Apply bioluminescence reagents
onto membranes automatically

An integral component of the Milliflex® Rapid System 2.0, the AutoSpray Station applies bioluminescence reagents evenly across a filter membrane. This allows the Milliflex® Rapid System 2.0 to recognize and enumerate CFUs of viable microbial contaminants up to 4 times faster than the traditional testing methods. Faster results help to improve process control and product yield, and thus the timely release of end products to market.



Benefits

Used with the Milliflex® Rapid System 2.0 for rapid microcolony detection, the Milliflex® Rapid System 2.0 AutoSpray Station offers several benefits:

- Reproducible and consistent results
- Automated operation
- Reagent delivery in only 90 seconds
- Use under laminar flow hood possible
- Easy cleaning and maintenance

Consistent, reproducible performance

Using a proven, preset automated program, the AutoSpray Station ensures reproducible results, test after test. Reagent application is achieved using a back-and-forth sweeping movement of the filter under the calibrated glass nebulizer. The internal self-priming micropump ensures a precise volume of reagent is dispensed during each cycle.

An internal compressor allows stand-alone operation, eliminating the need for additional equipment.

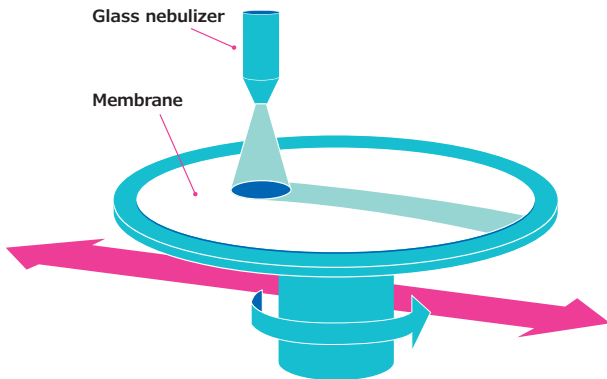


Figure 1.

Reagent application with the AutoSpray Station by continuous rotation of the filter holder with a back-and-forth sweeping motion.

Easy cleaning and maintenance

The AutoSpray Station issues a warning message across the control panel when calibration, cleaning or priming are required. This ensures consistent and reliable performance throughout the system's lifetime.

As a self-cleaning unit, the AutoSpray Station takes only five minutes to get ready for reuse. The unit should be recalibrated after every 5,000 samples, or at least once a year.

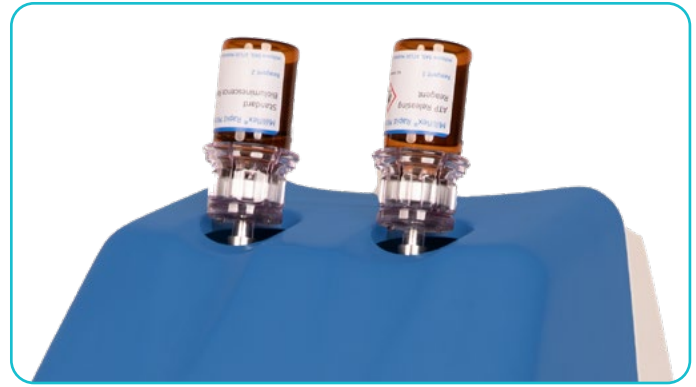


Figure 2.

Easy to mount, the transparent reagent bottles show the level of remaining reagent.

Streamlined operation

The AutoSpray Station delivers both reagents in 90 seconds at the touch of a button.

Completed in 90 seconds:

1. Filter holder moves under first glass nebulizer
2. First reagent is applied
3. Filter holder is automatically dried
4. Filter holder moves under second glass nebulizer
5. Second reagent is applied

From the intuitive control panel, it is easy to initiate any procedure by selecting from a list of operations.



Figure 3.

Convenient to operate at the touch of a button

Specifications

Dimensions	
Width	21 cm (8 in.)
Depth	40 cm (16 in.)
Height	31 cm (12 in.)
Weight	10 kg (22 lb.)
Materials of construction	
Turntable, pad holder, membrane holder	316 L stainless steel
Cover and casing	polyurethane
Keypad	polyester
Electrical properties	
Power supply	110–230 V, 50/60 Hz
Consumption	30 W

Operational requirements*	
Ambient temperature	15–40 °C
Relative humidity	<90%
Altitude	<3,000 m (9,842 ft.)

Regulatory information
The AutoSpray Station is compliant with Electromagnetic Compatibility Directives and is CE marked.

*The AutoSpray Station can be used under a laminar flow hood.

Ordering information

Description	Qty	Cat. No.
Hardware		
Milliflex® Rapid 2.0 AutoSpray Station • AutoSpray Station, filter holder • Pad holder, 2 needle assemblies with tubing • Millex® FG vent filter, 2 stainless steel caps • Power Supply Unit to be ordered separately	1	MXRP2SPRKT
Milliflex® Rapid 2.0 AutoSpray Station Power Supply Unit to be ordered separately	1	MXRPWRSP--
Consumables		
Milliflex Oasis® Rapid Funnel 0.45 µm pore size PVDF membrane	24	MMHVMFX24
Milliflex® Rapid Reagent Kit for 100 tests • ATP releasing agent, 2 bottles (5 mL per bottle) • Bioluminescence reagent, 2 bottles (powder) • Reconstitution buffer, sterile, 2 bottles (7 mL per bottle) • 2 syringes, 5 Luer-Lok® caps, 6 vial adapters	1	MXRPBLRST
Milliflex® Rapid Cleaning/Decontamination Kit for 20 cleanings, 2 decontaminations • Rinsing agent, 4 bottles (10 mL per bottle) • Cleaning agent, 4 bottles (7 mL per bottle) • Decontamination agent, 1 bottle (7 mL per bottle) • 10 Luer-Lok® caps, 9 vial adapters	1	MXRPCLKT1
Milliflex® Rapid Reagent Kit • ATP releasing agent, 6 bottles (5 mL per bottle) • 6 Luer-Lok® caps, 6 vial adapters	1	MXRPARA06
Milliflex® Rapid Decontamination Kit • Decontamination agent, 9 bottles (7 mL per bottle) • 10 Luer-Lok® caps, 9 vial adapters	1	MXRPDAG09
Accessories		
Filter holder	1	MXRPSPFH1
Pad holder	1	MXRPSPPH1
Pad dispenser with tube of 100 absorbent pads	2	AP10045S1
Glass nebulizer	1	MXRPGLASS
Cover for vial holder	1	MXRPCOVER
Power supply 50/60 Hz	1	MXRPWRSP--
Vent filters, 25 mm Millex® FG 0.20 µm • For nebulizer and dry station	50	SLFG025LS
Vent filters, 4 mm Millex® FH 0.45 µm • For vial holders	100	SLFHR04NL

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