

Biotest HYCON

RCS High Flow Microbial Airborne Sampler with high resolution display for easier operation



Be Secure
For Sure

The RCS High Flow Microbial Airborne Sampler

The most secure and effective air sampling system for environmental monitoring

Cleanroom and Isolator areas within the pharmaceutical, cosmetic and food & beverage industries have to perform strict environmental monitoring. This is most important in the sterile areas of the pharmaceutical industry where GMP,

FDA, USP and ISO 14698 guidelines have numerous requirements for air monitoring. These monitoring requirements do not only apply to the ambient air within sterile areas, but also to compressed gasses used in sterile environments.

Only a microbial air sampler capable of fulfilling these requirements can assure a secure and easy microbial monitoring program.

Requirements fulfilled by the RCS High Flow

- **Proven Technology**

Centrifugal based sampling.

- **Short Sampling Time**

Flow rate of 100 Liters/min.

- **Flexibility and Mobility**

Various features such as user selectable sampling volumes, delayed sampling time and re-chargeable batteries make the RCS High Flow easy to use.

- **Validated System Including Pharmacopoeia Recommended Media**

Biotest has developed TCI-γ media that neutralizes all commercial disinfectants as stated in the Pharmacopoeia.

- **Maximum Sampling Efficiency**

Shown by extensive validation studies.

- **Optimal Design**

Special aerodynamic system diminishes turbulence.

- **Sterility Assurance**

All components which come in contact with the sampled air are easily disinfected by autoclaving or wiping with commercially available disinfectants.

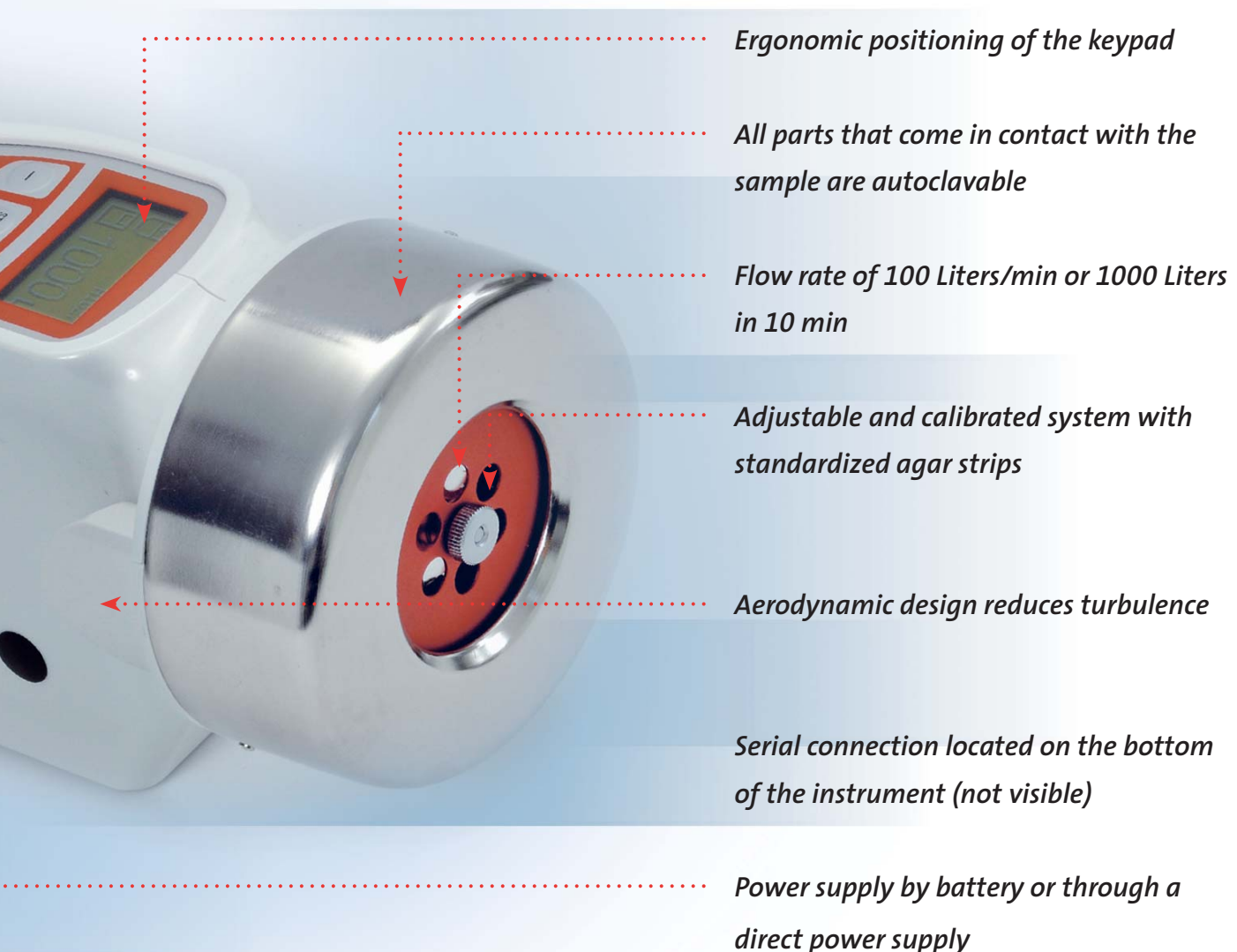
- **Simple Handling**

The RCS High Flow is an easy yet effective means for monitoring your critical environments supported by software features (extra functions).



RCS High Flow features:

- High resolution display for easier operation
- HYCON-ID data capture software for wireless communication with PC
- Keypad with integrated display (high resolution)
- Battery operated for portable use
- Easily calibrated with a software supported system
- Lightweight
- Delay time from 1 minute to 1 hour and 59 minutes
- Vertical or horizontal installation
- Error messages indicated via display or acoustic signal for fast diagnosis
- Rotor expiration acoustic signal
- Ability to program up to 10 different rotors into the keypad display
- Restricted access functions and interval sampling features



Ergonomic positioning of the keypad

All parts that come in contact with the sample are autoclavable

Flow rate of 100 Liters/min or 1000 Liters in 10 min

Adjustable and calibrated system with standardized agar strips

Aerodynamic design reduces turbulence

Serial connection located on the bottom of the instrument (not visible)

Power supply by battery or through a direct power supply

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RCS High Flow Microbial Airborne Sampler (Art.No. 940 216)

Accessories

Article	Art.No.
RCS Battery Recharger (220V)	940 370
RCS Battery Recharger (110V)	940 371
RCS Battery Disccharger	940 380
Battery Pack, 9.6V	940 275
Power Supply (230/240V)	940 270
Power supply (110V)	940 271
Anemometer	940 320
Adhesive Tapes	940 325
Tripod	940 330
Table-Top Tripod	940 335
Sterile Sleeves (10 pcs)	940 250
Air Outlet Ring	940 244
Rotor Assembly	940 230
Protection Cap	940 415
Infrared Remote Control	940 241
Validation Handbook (engl.)	940 130
Qualification Handbook (engl.)	940 135
RCS Compressed Gas Adapter	940 720
HYCON-ID Set for wireless communication	940360

Technical Details

Sampling System:	RCS-Technology, Centrifugal impaction
Sampling Range:	1–1500 Liters
Flow Rate:	100 Ltrs/min.
Instrument dev.:	Max 5%
Sample Volumes:	10, 20, 50, 100, 200, 500, 1000 Ltrs., and 3 user selectable volumes
Rotor Speed:	8200 rpm
Impaction Speed:	1 µm Particle: 0.7 m/sec 10 µm Particle: 7 m/sec
Weight:	1.5 Kg
Validation:	According to ISO 14698



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 **Biotest**

From Nature for Life