

FM-Hydra Tube System[®]

FlowMarker IITM Accessory Kit

Applications

- Data Center
 - Rack Airflow Analysis
- HVAC
 - Vent Testing (COSHH)
 - NIBS Building Envelope Commissioning
 - TABS Certification
 - Leak Detection
- Information Technology
 - Filter Clog Analysis
- Laboratory & Research
 - Laminar & Sash Flow Validation
 - USP 797 Validation

Overview

The Hydra expansion kit extends the range of fog generation with up to 5m (16') of flexible tubing for your FlowMarker ITM or Flowmarker IITM device. The Hydra can be purchased together with a FlowMarker or as a separate kit.

The adapter is designed for easy coupling in place of the standard application tube. To maintain the same consistent, even, flow patterns you enjoy from your FlowMarker, the Hydra uses a micro-blower which is fully adjustable – using the same flow ring attenuator as the application tube. In fact, by using the Hydra, you can deliver even more fog directly into the area you need to visualize. Enjoy the flexibility and extended range with the Hydra.

Example Applications

Clean Rooms, Operating Rooms, Pharmaceutical Manufacturing:

By placing the fog generating module in a convenient location, you can move around freely dispersing the visualizing gas up to 5m (16') diameter. This permits you to test ventilation in containment rooms from floor to ceiling, behind cabinets, inside of duct work, and around wall-mounted electrical devices. For an even greater reach, with only a minimal loss of fog delivery, an optional 10m (33') of hose is available.

Biosafety Cabinets, Fume Hoods:

The flexible and small tip size allows you to fit into remote corners and between tight spaces to pinpoint the exact airflow patterns. Single handed manipulation of the gas tube permits you to position the flow and easily photograph or video tape the results making documentation faster and more convincing. When using a preset test fixture for consistent results, you will find the flexible plastic Hydra hose easy to connect/disconnect. This permits you to move easily between clamped positions or inlet openings for faster, comparable data.



The FM-Hydra System[®] comes in its own transport case and contains:

- 1x FM-HYDRA[®] Tube Attachment (3-piece, with spiral cable and plug)
- 1x FM-HYDRA[®] Ducting Hose, 3m length
- 5x Condensate Collecting Rings type KR 2 (large)
- 5x Condensate Collecting Rings type KR 3 (small)
- 3x Spare-O-Ring sealings, different diameters
- 1x FlowMarker[®]-Battery, 12 V
- 1x FlowMarker[®]-Battery Loading Clip
- 1x FlowMarker[®]-Fogfluid Aerosol Can
- 1x Instruction Manual FM-Hydra Tube System[®]

Degree Controls, Inc.

is an ISO-9001 certified, world-class designer and manufacturer of airflow sensing, monitoring, and control solutions. With over 20 years of proven experience, we pride ourselves on delivering solutions which provide the value, differentiation, and service required by our customers, to meet the rapidly changing competitive landscape that they face.

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