

# 유량 교정기 (Wide Accuracy Mass Flow Multi-Meter)

## 용 도(Applications)

- Air, O<sub>2</sub>, N<sub>2</sub>의 양방향 유량 및 온도 측정
- 유량 점검이 필요한 장치의 점검 및 교정

## 특 징(Features)

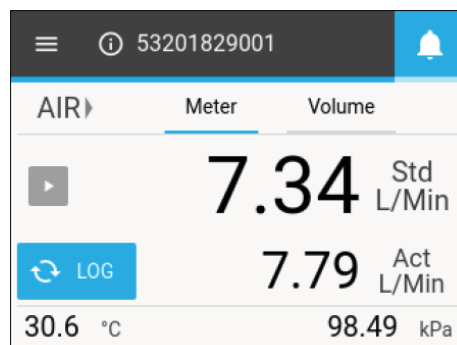
- 4ms의 빠른 응답 및 고정밀도의 유량측정
- 4개의 측정값을 동시에 표시하는 컬러 터치 스크린
- 다양한 튜브에 연결 가능하여 활용성 증대
- 데이터 저장 및 전용 소프트웨어 제공



Wide Model : 5203-2 / 5303-2

## SPECIFICATIONS

| Model                  | 5203-2                                                              | 5303-2                           |
|------------------------|---------------------------------------------------------------------|----------------------------------|
| GAS                    | Air, O <sub>2</sub> , N <sub>2</sub>                                |                                  |
| Flow Range             | ±30 L/min                                                           | ±300 L/min                       |
| Flow Accuracy          | 3% of Reading or 0.01 L/min                                         | 3% of Reading or 0.1 L/min       |
| Tube Adapters          | 3/8 inch, 1/4 inch, 10mm                                            | 22mm ISO, 1/2 inch               |
| Tube Options           | -                                                                   | 3/4 inch, 3/8 inch NPT, 15mm ISO |
| Temperature Sensor     | Range -10 ~ 50°C, ±1°C                                              |                                  |
| Display                | 2.8 inch Color LCD Touchscreen                                      |                                  |
| Internal Storage       | 1 GB storage, max 20 datalog files                                  |                                  |
| Digital Output         | USB, RS-232 Serial using an optional USB-A to RS232 converter cable |                                  |
| Power                  | 5.0 VDC ±5%, 500 mA maximum, Supplied through USB-C port            |                                  |
| Dimensions (L x W x H) | 18.1cm x 6.9cm x 5.0cm / Polycarbonate                              |                                  |
| Weight                 | 230g, including protective end caps                                 |                                  |



## 5000 Flowmeter

| Model                                          | Basic                              | Advanced | Humidity       | High Accuracy                        | Wide Accuracy                    |
|------------------------------------------------|------------------------------------|----------|----------------|--------------------------------------|----------------------------------|
| ±30 L/min                                      | 5200                               | 5210     | 5220           | 5230                                 | 5203                             |
| ±300 L/min                                     | 5300                               | 5310     |                | 5330                                 | 5303                             |
| Flow Accuracy                                  | 2% reading or<br>0.005L(0.05L)/min |          |                | 1.5% reading or<br>0.005L(0.05L)/min | 3% reading or<br>0.01L(0.1L)/min |
| Response                                       | 4ms                                | 1ms      |                |                                      | 4ms                              |
| Temperature, Absolute<br>Pressure Measurements | O                                  | O        | O              | O                                    | O                                |
| Data Logging                                   | X                                  | O        | O              | O                                    | X                                |
| Volume Measurement<br>(Displayed on screen)    | X                                  | O        | O              | O                                    | X                                |
| Relative Humidity                              | X                                  | X        | 10–90% RH, ±3% |                                      | X                                |
| Differential Pressure<br>Measurement           | X                                  | O        | O              | O                                    | X                                |