

## Precision Rotameter with Valve

### 정밀형 유량 조절식 유량계

- Direct Reding 방식의 정밀형 유량계
- Non Corrosive Gas 및 Liquid 용
- 질소의 유속에 의한 Ball의 상하 움직임을 통해 직접 유속을 읽을 수 있음
- 고성능 Metering Valve (MFV™)가 장착되어 있어 유속을 정확히 조절 할 수 있음
- Variable Area, Correlated Flowmeter
- Material : Aluminium (Fitting, Valve, Housing), Buna-N (O-ring), Borosilicate Glass (Flow Tube)
- Process Connection : 1/8" NPT (F)
- Max Operating Temperature : 121 °C
- Max Pressure : 200 psi
- Accuracy : ±2% full-scale
- Repeatability : ±0.25%
- Cole-Parmer

#### Flow Tube 65 mm

| Cat. No.    | Model    | Flow Rate (ml/min) |                 |                |                |       |                | Float   | EA Price ₩ |
|-------------|----------|--------------------|-----------------|----------------|----------------|-------|----------------|---------|------------|
|             |          | H <sub>2</sub> O   | CO <sub>2</sub> | O <sub>2</sub> | N <sub>2</sub> | Ar    | H <sub>2</sub> |         |            |
| F10-227-112 | 32044-00 | 0.065              | 6.6             | 5.1            | 5.6            | 4.3   | 14             | Glass   | 341,800    |
| F10-227-119 | 32044-02 | 0.283              | 20.2            | 15.3           | 17.6           | 14.2  | 32             | SUS 316 | 341,800    |
| F10-227-126 | 32044-04 | 0.55               | 59.2            | 46             | 51             | 38    | 99             | Glass   | 341,800    |
| F10-227-133 | 32044-08 | 1.75               | 122             | 94             | 113            | 86    | 284            | Glass   | 341,800    |
| F10-227-140 | 32044-06 | 2.38               | 160             | 132            | 149            | 122   | 324            | SUS 316 | 341,800    |
| F10-227-147 | 32044-12 | 2.6                | 221             | 189            | 215            | 174.2 | 502            | Glass   | 341,800    |
| F10-227-154 | 32044-10 | 7.74               | 310             | 268            | 312            | 246   | 828            | Glass   | 341,800    |
| F10-227-162 | 32044-14 | 12                 | 489             | 480            | 530            | 429   | 1488           | SUS 316 | 341,800    |
| F10-227-170 | 32044-15 | 20.5               | 883             | 970            | 1015           | 829   | 3218           | Glass   | 341,800    |
| F10-227-177 | 32044-16 | 27                 | 1110            | 1165           | 1293           | 1065  | 3923           | Glass   | 341,800    |
| F10-227-184 | 32044-20 | 39.7               | 1794            | 1928           | 2091           | 1784  | 6359           | Glass   | 341,800    |
| F10-227-191 | 32044-24 | 52                 | 2237            | 2323           | 2624           | 2171  | 9410           | Glass   | 341,800    |
| F10-227-205 | 32044-18 | 70.7               | 2190            | 2360           | 2610           | 2124  | 8602           | SUS 316 | 341,800    |
| F10-227-212 | 32044-22 | 108.3              | 3449            | 3761           | 4097           | 3388  | 13600          | Glass   | 341,800    |
| F10-227-219 | 32044-28 | 147                | 5470            | 5880           | 6380           | 5290  | 21712          | Glass   | 341,800    |
| F10-227-225 | 32044-26 | 150                | 4225            | 4733           | 5026           | 4172  | 17966          | Glass   | 341,800    |
| F10-227-233 | 32044-32 | 309                | 11156           | 12341          | 13412          | 11125 | 47100          | SUS 316 | 341,800    |
| F10-227-240 | 32044-30 | 364                | 10150           | 11250          | 12200          | 10175 | 42040          | Glass   | 341,800    |
| F10-227-247 | 32044-34 | 745                | 20798           | 23322          | 25311          | 21116 | 90323          | Glass   | 341,800    |

#### Flow Tube 150 mm

| Cat. No.    | Model    | Flow Rate (ml/min) |                 |                |                |       |                | Float   | EA Price ₩ |
|-------------|----------|--------------------|-----------------|----------------|----------------|-------|----------------|---------|------------|
|             |          | H <sub>2</sub> O   | CO <sub>2</sub> | O <sub>2</sub> | N <sub>2</sub> | Ar    | H <sub>2</sub> |         |            |
| F10-227-401 | 03227-00 | 0.19               | 23.6            | 17             | 20             | 15.4  | 37             | Glass   | 443,300    |
| F10-227-408 | 03227-04 | 0.49               | 56.4            | 42             | 48             | 43.5  | 94             | Glass   | 443,300    |
| F10-227-415 | 03227-08 | 0.85               | 103.1           | 81             | 92             | 75.6  | 208            | Glass   | 443,300    |
| F10-227-422 | 03227-02 | 0.94               | 72              | 54             | 62             | 49    | 123            | Glass   | 443,300    |
| F10-227-429 | 03227-06 | 2.45               | 150             | 131            | 143            | 113   | 301            | SUS 316 | 443,300    |
| F10-227-436 | 03227-10 | 4.74               | 281             | 233            | 271            | 218   | 627            | Glass   | 443,300    |
| F10-227-443 | 03227-12 | 5.5                | 355             | 340            | 382            | 305   | 1021           | Glass   | 443,300    |
| F10-227-450 | 03227-16 | 16.5               | 725             | 772            | 827            | 687   | 2620           | Glass   | 443,300    |
| F10-227-457 | 03227-14 | 20.4               | 728             | 753            | 824            | 676   | 2496           | SUS 316 | 443,300    |
| F10-227-223 | 03227-18 | 46                 | 1420            | 1545           | 1662           | 1380  | 5547           | Glass   | 443,300    |
| F10-227-230 | 03227-20 | 53.5               | 2048            | 2169           | 2395           | 1949  | 7990           | Glass   | 443,300    |
| F10-227-237 | 03227-24 | 84                 | 3374            | 3485           | 3868           | 3451  | 13105          | Glass   | 443,300    |
| F10-227-244 | 03227-22 | 134                | 3990            | 4341           | 4685           | 1903  | 15855          | SUS 316 | 443,300    |
| F10-227-251 | 03227-28 | 210                | 7485            | 8269           | 8916           | 7366  | 39840          | Glass   | 443,300    |
| F10-227-258 | 03227-26 | 217                | 6384            | 6992           | 7722           | 6384  | 27804          | SUS 316 | 443,300    |
| F10-227-265 | 03227-30 | 506                | 14131           | 15710          | 17021          | 14131 | 59996          | Glass   | 443,300    |

#### Optional Stand

| Cat. No.    | Model   | 가능 거취 개수 | EA Price ₩ |
|-------------|---------|----------|------------|
| F10-227-588 | 3226-10 | 1개       | 96,400     |
| F10-227-590 | 3226-30 | 3개       | 110,900    |

