

365-02

## FLOW DATA

DOCUMENT No. 469

Tube Number: 365-02(GL,SA,ST,CA,TA)  
 Units : std ml/min

Metering Temperature: 70 deg.F  
 Metering Pressure : 14.70 psia

STD. Conditions: 1 atmos @ 70 deg.F  
 Tolerance : ±2% F.S.

## SCALE READINGS AT CENTER OF FLOAT

| Float Material: | Glass (GL) | Sapphire (SA) | Stainless Steel (ST) | Carboloy (CA) | Tantalum (TA) |
|-----------------|------------|---------------|----------------------|---------------|---------------|
| Float Density : | 2.53 g/ml  | 3.98 g/ml     | 8.04 g/ml            | 14.98 g/ml    | 16.58 g/ml    |

| A I R | Scale Readings | Flow [ml/min] |
|-------|----------------|---------------|----------------|---------------|----------------|---------------|----------------|---------------|----------------|---------------|
|       | 65 ---         | 2678          |                |               |                | 65 ---        | 4922           |               |                |               |
|       | 60 ---         | 2378          |                |               |                | 60 ---        | 4373           |               |                |               |
|       | 55 ---         | 2083          |                |               |                | 55 ---        | 3947           |               |                |               |
|       | 50 ---         | 1850          |                |               |                | 50 ---        | 3475           |               |                |               |
|       | 45 ---         | 1635          |                |               |                | 45 ---        | 3043           |               |                |               |
|       | 40 ---         | 1429          |                |               |                | 40 ---        | 2657           |               |                |               |
|       | 35 ---         | 1212          |                |               |                | 35 ---        | 2311           |               |                |               |
|       | 30 ---         | 993           |                |               |                | 30 ---        | 1971           |               |                |               |
|       | 25 ---         | 792           |                |               |                | 25 ---        | 1645           |               |                |               |
|       | 20 ---         | 561           |                |               |                | 20 ---        | 1304           |               |                |               |
|       | 15 ---         | 382           |                |               |                | 15 ---        | 952            |               |                |               |
|       | 10 ---         | 195           |                |               |                | 10 ---        | 572            |               |                |               |
|       | 5 ---          | 116           |                |               |                | 5 ---         | 284            |               |                |               |

| W A T E R | Scale Readings | Flow [ml/min] |
|-----------|----------------|---------------|----------------|---------------|----------------|---------------|----------------|---------------|----------------|---------------|
|           | 65 ---         | 52.0          |                |               |                | 65 ---        | 150.0          |               |                |               |
|           | 60 ---         | 46.3          |                |               |                | 60 ---        | 135.0          |               |                |               |
|           | 55 ---         | 40.0          |                |               |                | 55 ---        | 119.0          |               |                |               |
|           | 50 ---         | 35.0          |                |               |                | 50 ---        | 105.0          |               |                |               |
|           | 45 ---         | 30.0          |                |               |                | 45 ---        | 91.5           |               |                |               |
|           | 40 ---         | 26.0          |                |               |                | 40 ---        | 78.3           |               |                |               |
|           | 35 ---         | 21.7          |                |               |                | 35 ---        | 66.0           |               |                |               |
|           | 30 ---         | 17.5          |                |               |                | 30 ---        | 54.4           |               |                |               |
|           | 25 ---         | 14.0          |                |               |                | 25 ---        | 43.5           |               |                |               |
|           | 20 ---         | 10.5          |                |               |                | 20 ---        | 33.7           |               |                |               |
|           | 15 ---         | 7.4           |                |               |                | 15 ---        | 24.0           |               |                |               |
|           | 10 ---         | 4.3           |                |               |                | 10 ---        | 15.0           |               |                |               |
|           | 5 ---          | 1.5           |                |               |                | 5 ---         | 7.0            |               |                |               |

AALBORG INSTRUMENTS &amp; CONTROLS, INC

20 Corporate Drive, Orangeburg NY 10962 USA

Phone: +1 (845) 770-3000 or Toll-free 1-800-866-3837 \* FAX: +1 (845) 770-3010

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