

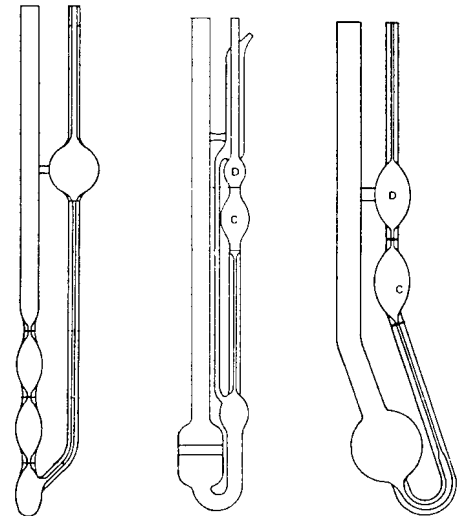


**Viscometers.** Adjusted at 40 °C. ASTM D445 and 446, ISO 3104 and 3105. Calibrated.

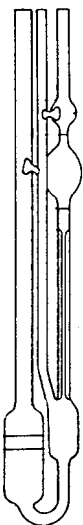
1. Acc. to Cannon Fenske, not for opaque liquids.
2. Acc. to Cannon Fenske, BS 188, IP 71, for opaque liquids.
3. Acc. to Cannon Ubbelohde A and Dil. B.

| Capillary Nr. | Range cSt mm <sup>2</sup> /s (nominal) | Constant K (nominal) | 1.          | 2.          | 3.          |
|---------------|--|----------------------|-------------|-------------|-------------|
| 25            | 0.4-2                                  | 0.002                | 8.587.001 c | 8.589.101 c | 8.588.001 c |
| 50            | 0.8-4                                  | 0.004                | 8.587.002 c | 8.589.102 c | 8.588.002 c |
| 75            | 1.6-8                                  | 0.008                | 8.587.003 c | 8.589.103 c | 8.588.003 c |
| 100           | 3-15                                   | 0.015                | 8.587.004 c | 8.589.104 c | 8.588.004 c |
| 150           | 7-35                                   | 0.035                | 8.587.005 c | 8.589.105 c | 8.588.005 c |
| 200           | 20-100                                 | 0.100                | 8.587.006 c | 8.589.106 c | 8.588.006 c |
| 300           | 50-200                                 | 0.250                | 8.587.007 c | 8.589.107 c | 8.588.007 c |
| 350           | 100-500                                | 0.500                | 8.587.008 c | 8.589.108 c | 8.588.008 c |
| 400           | 240-1200                               | 1.200                | 8.587.009 c | 8.589.109 c | 8.588.009 c |
| 450           | 500-2500                               | 2.500                | 8.587.010 c | 8.589.110 c | 8.588.010 c |
| 500           | 1600-8000                              | 8.000                | 8.587.011 c | 8.589.111 c | 8.588.011 c |
| 600           | 4000-20000                             | 20.000               | 8.587.012 c | 8.589.112 c | 8.588.012 c |
| 650           | 9000-45000                             | 45.000               | —           | —           | 8.588.013 c |
| 700           | 20000-100000                           | 100.000              | —           | —           | 8.588.014 c |

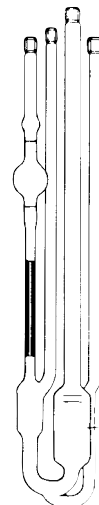
For non-calibrated versions please place the order no. without „c“.



**Viscometers, ASTM D445 and D446, ISO 3104, 3105.** Length approx. 283 mm. For use with transparent liquids.



| Capillary No. | Range cSt mm <sup>2</sup> /s (nominal) | Constant K (nominal) | non-calibrated | calibrated |
|---------------|--|----------------------|----------------|------------|
| 0             | 0.3-1                                  | 0.001                | 8.589.001      | 8.589.101  |
| 0C            | 0.6-3                                  | 0.003                | 8.589.002      | 8.589.102  |
| 0B            | 1-5                                    | 0.005                | 8.589.003      | 8.589.103  |
| 1             | 2-10                                   | 0.010                | 8.589.004      | 8.589.104  |
| 1C            | 6-30                                   | 0.030                | 8.589.005      | 8.589.105  |
| 1B            | 10-50                                  | 0.050                | 8.589.006      | 8.589.106  |
| 2             | 20-100                                 | 0.100                | 8.589.007      | 8.589.107  |
| 2C            | 60-300                                 | 0.300                | 8.589.008      | 8.589.108  |
| 2B            | 100-500                                | 0.500                | 8.589.009      | 8.589.109  |
| 3             | 200-1000                               | 1.000                | 8.589.010      | 8.589.110  |
| 3C            | 600-3000                               | 3.000                | 8.589.011      | 8.589.111  |
| 3B            | 1000-5000                              | 5.000                | 8.589.012      | 8.589.112  |
| 4             | 2000-10000                             | 10.000               | 8.589.013      | 8.589.113  |
| 4C            | 6000-30000                             | 30.000               | 8.589.014      | 8.589.114  |
| 4B            | 10000-50000                            | 50.000               | 8.589.015      | 8.589.115  |
| 5             | 20000-100000                           | 100.000              | 8.589.016      | 8.589.116  |



**Ubbelohde viscometers, DIN type with imprinted constant acc. to ISO/DIN 3105, DIN 51502, BS 188, KFT 60-100.**

| Capillary No. | I.D. mm | Constant K | Range mm <sup>2</sup> /s | Non-calibrated | Calibrated |
|---------------|---------|------------|--------------------------|----------------|------------|
| 0             | 0.36    | 0.001      | 0.2-1                    | 8.589.301      | 8.589.401  |
| 0c            | 0.47    | 0.003      | 0-3                      | 8.589.302      | 8.589.402  |
| 0a            | 0.53    | 0.005      | 0.8-5                    | 8.589.303      | 8.589.403  |
| I             | 0.63    | 0.01       | 1.2-10                   | 8.589.304      | 8.589.404  |
| Ic            | 0.84    | 0.03       | 3-30                     | 8.589.305      | 8.589.405  |
| Ia            | 0.95    | 0.05       | 5-50                     | 8.589.306      | 8.589.406  |
| II            | 1.13    | 0.1        | 10-100                   | 8.589.307      | 8.589.407  |
| IIC           | 1.50    | 0.3        | 30-300                   | 8.589.308      | 8.589.408  |
| Ila           | 1.69    | 0.5        | 50-500                   | 8.589.309      | 8.589.409  |
| III           | 2.01    | 1          | 100-1000                 | 8.589.310      | 8.589.410  |
| IIIc          | 2.65    | 3          | 300-3000                 | 8.589.311      | 8.589.411  |
| IIIa          | 3.00    | 5          | 500-5000                 | 8.589.312      | 8.589.412  |
| IV            | 3.60    | 10         | 1000-10000               | 8.589.313      | 8.589.413  |

**Accessories**

Fixing stand, VA-steel, for all Ubbelohde viscometers

8.589.550

**Viscometers, Ostwald pattern.** For the determination of the viscosity of liquids. Ring marks and inscriptions in blue color.

| Flow time s | Nominal constant |           |
|-------------|------------------|-----------|
| 45          | 0.022            | 8.589.201 |
| 85          | 0.011            | 8.589.202 |
| 125         | 0.008            | 8.589.203 |

**Further types are available upon request:**

- Cannon Ubbelohde semi micro-viscometer.
- Cross arm-viscometer.
- Reverse-flow viscometer.
- Semi micro viscometer.
- Pinkevitek Viscometer.
- Fitzsimons Viscometer (1+2 cap.).
- Atlantic-Viscometer.
- Zeitfuchs-Viscometer.
- S. I. L.-viscometer.
- U-Tube and Mini-U-Tube-Viscosimeter.
- Special productions against your specs.

