

## Viscosimeters, Irmeco

### ① Cannon-Fenske Routine Viscometers

supplied with works certificate

Standards:

ASTM D445-446, ASTM D2515, ISO 3104-3105 Constant K at 40°C and 100°C

| Type | Constant guide value K | Measuring range (guide value) mm <sup>2</sup> /s | Order No.   |
|------|------------------------|--------------------------------------------------|-------------|
| 25   | 0.002                  | 0.5 – 2                                          | 10 15 81025 |
| 50   | 0.004                  | 0.8 – 4                                          | 10 15 81050 |
| 75   | 0.008                  | 1.6 – 8                                          | 10 15 81075 |
| 100  | 0.015                  | 3 – 15                                           | 10 15 81100 |
| 150  | 0.035                  | 7 – 35                                           | 10 15 81150 |
| 200  | 0.1                    | 20 – 100                                         | 10 15 81200 |
| 300  | 0.25                   | 50 – 250                                         | 10 15 81300 |
| 350  | 0.5                    | 100 – 500                                        | 10 15 81350 |
| 400  | 1.2                    | 240 – 1200                                       | 10 15 81400 |
| 450  | 2.5                    | 500 – 2500                                       | 10 15 81450 |
| 500  | 8                      | 1600 – 8000                                      | 10 15 81500 |
| 600  | 20                     | 4000 – 20000                                     | 10 15 81600 |

### ② Cannon-Fenske Opaque Viscometers

supplied with works certificate

Standards:

ASTM D445-446, ASTM D2515, ISO 3104-3105 Constant K at 40°C and 100°C

| Type | Constant guide value K | Measuring range (guide value) mm <sup>2</sup> /s | Order No.   |
|------|------------------------|--------------------------------------------------|-------------|
| 25   | 0.002                  | 0.5 – 2                                          | 10 15 82025 |
| 50   | 0.004                  | 0.8 – 4                                          | 10 15 82050 |
| 75   | 0.008                  | 1.6 – 8                                          | 10 15 82075 |
| 100  | 0.015                  | 3 – 15                                           | 10 15 82100 |
| 150  | 0.035                  | 7 – 35                                           | 10 15 82150 |
| 200  | 0.1                    | 20 – 100                                         | 10 15 82200 |
| 300  | 0.25                   | 50 – 250                                         | 10 15 82300 |
| 350  | 0.5                    | 100 – 500                                        | 10 15 82350 |
| 400  | 1.2                    | 240 – 1200                                       | 10 15 82400 |
| 450  | 2.5                    | 500 – 2500                                       | 10 15 82450 |
| 500  | 8                      | 1600 – 8000                                      | 10 15 82500 |
| 600  | 20                     | 4000 – 20000                                     | 10 15 82600 |

### ③ Ubbelohde Viscometer

supplied with works certificate

Standards:

ASTM D445-446, ASTM D2515, ISO 3104-3105

| Type | Constant guide value K | Measuring range (guide value) mm <sup>2</sup> /s | Order No.   |
|------|------------------------|--------------------------------------------------|-------------|
| 0    | 0.001                  | 0.3 – 1                                          | 10 15 83100 |
| 0C   | 0.003                  | 0.6 – 3                                          | 10 15 83101 |
| 0B   | 0.005                  | 1 – 5                                            | 10 15 83102 |
| 1    | 0.01                   | 2 – 10                                           | 10 15 83110 |
| 1C   | 0.03                   | 6 – 30                                           | 10 15 83111 |
| 1B   | 0.05                   | 10 – 50                                          | 10 15 83112 |
| 2    | 0.1                    | 20 – 100                                         | 10 15 83120 |
| 2C   | 0.3                    | 60 – 300                                         | 10 15 83121 |
| 2B   | 0.5                    | 100 – 500                                        | 10 15 83122 |
| 3    | 1.0                    | 200 – 1000                                       | 10 15 83130 |
| 3C   | 3.0                    | 600 – 3000                                       | 10 15 83131 |
| 3B   | 5.0                    | 1000 – 5000                                      | 10 15 83132 |
| 4    | 10.0                   | 2000 – 10000                                     | 10 15 83140 |
| 4C   | 30.0                   | 6000 – 30000                                     | 10 15 83141 |
| 4B   | 50.0                   | 10000 – 50000                                    | 10 15 83142 |
| 5    | 100.0                  | 20000 – 100000                                   | 10 15 83150 |



#### ④ BS/IP/RF U-tube reverse flow Viscometer

supplied with works certificate

Standards:

BS/IP/RF and ASTM D445-446, ISO 3104-3105 Constant K at 40°C and 100°C

| Type | Constant guide value K | Measuring range (guide value) mm <sup>2</sup> /s | Order No.   |
|------|------------------------|--------------------------------------------------|-------------|
| 1    | 0.003                  | 0.6 – 3                                          | 10 15 84201 |
| 2    | 0.01                   | 2 – 10                                           | 10 15 84202 |
| 3    | 0.03                   | 6 – 30                                           | 10 15 84203 |
| 4    | 0.1                    | 20 – 100                                         | 10 15 84204 |
| 5    | 0.3                    | 60 – 300                                         | 10 15 84205 |
| 6    | 1.0                    | 200 – 1000                                       | 10 15 84206 |
| 7    | 3.0                    | 600 – 3000                                       | 10 15 84207 |
| 8    | 10                     | 2000 – 10000                                     | 10 15 84208 |
| 9    | 30                     | 6000 – 30000                                     | 10 15 84209 |
| 10   | 100                    | 20000 – 100000                                   | 10 15 84210 |
| 11   | 300                    | 60000 – 300000                                   | 10 15 84211 |

#### ⑤ BS/U-tube reverse flow viskosimeters

supplied with works certificate

Standards:

BS und ASTM D445-446, ISO 3104-3105 Constant (K) at 40°C and 100°C

| Type | Constant guide value K | Measuring range (guide value) mm <sup>2</sup> /s | Order No.   |
|------|------------------------|--------------------------------------------------|-------------|
| A    | 0.003                  | 0.9 – 3 cSt                                      | 10 15 86110 |
| B    | 0.01                   | 2 – 10 cSt                                       | 10 15 86120 |
| C    | 0.03                   | 6 – 30 cSt                                       | 10 15 86130 |
| D    | 0.1                    | 20 – 100 cSt                                     | 10 15 86140 |
| E    | 0.3                    | 60 – 300 cSt                                     | 10 15 86150 |
| F    | 1.0                    | 200 – 1000 cSt                                   | 10 15 86160 |
| G    | 3.0                    | 600 – 3000 cSt                                   | 10 15 86170 |
| H    | 10.0                   | 2000 – 10000 cSt                                 | 10 15 86180 |

#### ⑥ UBBELOHDE viskosimeters

supplied with works certificate

Standards:

DIN 51562 part 1, ISO 3105

| Type | Constant guide value K | Measuring range (guide value) mm <sup>2</sup> /s | Order No.   |
|------|------------------------|--------------------------------------------------|-------------|
| 0    | 0.001                  | 0.35 – 1 cSt                                     | 10 15 85110 |
| 0c   | 0.003                  | 0.7 – 3 cSt                                      | 10 15 85111 |
| 0a   | 0.005                  | 1 – 5 cSt                                        | 10 15 85112 |
| I    | 0.01                   | 2 – 10 cSt                                       | 10 15 85210 |
| Ic   | 0.03                   | 6 – 30 cSt                                       | 10 15 85211 |
| Ia   | 0.05                   | 10 – 50 cSt                                      | 10 15 85212 |
| II   | 0.1                    | 20 – 100 cSt                                     | 10 15 85310 |
| IIc  | 0.3                    | 60 – 300 cSt                                     | 10 15 85311 |
| Ila  | 0.5                    | 100 – 500 cSt                                    | 10 15 85312 |
| III  | 1                      | 200 – 1000 cSt                                   | 10 15 85410 |
| IIIc | 3                      | 600 – 3000 cSt                                   | 10 15 85411 |
| IIla | 5                      | 1000 – 5000 cSt                                  | 10 15 85412 |
| IV   | 10                     | 2000 – 10000 cSt                                 | 10 15 85510 |
| IVc  | 30                     | 6000 – 30000 cSt                                 | 10 15 85511 |
| IVa  | 50                     | 10000 – 50000 cSt                                | 10 15 85512 |

