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| Measuring range density | 0 to 3 g/cm ³ |
| Repeatability s.d. density ^a | 0.000005 g/cm ³ |
| Reproducibility s.d. density ^a | 0.00002 g/cm ³ |
| Accuracy density ^b | 0.00005 g/cm ³ (full range) 0.00001 g/cm ³ (0–1 g/cm ³ , 15–20 °C) |
| Repeatability s.d. temperature | 0.01 °C (0.02 °F) |
| Accuracy temperature | 0.02 °C (0.04 °F) (full range) 0.01 °C (0.02 °F) (15–20 °C) |
| Measuring time ^c | approx. 30 sec |
| Measuring temperature ^d | 0 °C to 100 °C (32 to 212 °F) |
| Pressure range ^e | up to 10 bar (145 psi) absolute pressure |
| Sample volume | approx. 1 mL |
| Accuracy and convenience features | <ul style="list-style-type: none"> • ambient air pressure sensor • full range viscosity correction • reference oscillator • automatic bubble detection • camera image of the measuring cell |

a According to ISO 5725

b Under ideal conditions and for low densities/viscosities

c After full temperature equilibrium

d Cooling down further than 20 °C (36 °F) below ambient temperature only with external cooling using the cooling kit.

e For the measuring cell together with the injection adapters DMA/CarboQC (mat. no. 159537) in the temperature range of 0–50 °C (32–122 °F). For temperatures above 50 °C (122 °F), the maximum allowed pressure is 5 bar (72.5 psi) absolute pressure. See also appendix C.1.