

## m-VROC® II



## VROC® initium one plus



## microVISC™



Temperature Control

4 - 70°C

Sample Storage  
Temperature Control

N/A

Dimensions

145 x 216 x 406 (mm)

Total Sample Volume

~10 µL

Shear Rate Range

0.86 to 2,020,000 1/s

Viscosity Range

0.4~ >200,000cP

Accuracy

±2% of reading

Repeatability

0.5% of reading

Sample Loading

Manual

Throughput

One sample at a time

Sample Retrieval & Recovery

Yes

Software Compliance

21CFR Compliant

Applications

### RESEARCH AND DEVELOPMENT

Injection Force Calculation

Intrinsic Viscosity/ Molecular Sizing

Hydrogels

Oils & lubricants

Rechargeable Batteries

4 - 70°C

4- 40 ° C

715 x 373 x 193 (mm) (no autosampler)  
715 x 373 x 724 (mm) (with autosampler)

~19 µL

40 – 140,000 1/s

0.3 – 1,000 mPa-s (with autosampler)  
0.3 - 3,000 mPa-s (with manual syringe)

±2% of reading

0.5% of reading

Automated

96 well plate or 40 vial rack

Yes

21CFR Compliant

### RESEARCH AND DEVELOPMENT

Injection Force Calculation

Repeated Shear/ Pumping Study

Automation

Intrinsic Viscosity/ Molecular Sizing

Hydrogels

18 - 50°C

N/A

145 x 216 x 71 (mm)

~100µL

1.7 – 5,800 1/s

0.2~ >200,000cP

±2% of reading

0.5% of reading

Manual

One sample at a time

NO

No

### QUALITY CONTROL

Household Care

Oils & lubricants

Rechargeable Batteries