

# Viscosity station

## For Big Kahuna and Junior

The viscosity station utilizes an automated micro-capillary viscometer for rapid measurements of samples. This station ensures accuracy and repeatability for a wide range of viscosities in a temperature controlled environment. The viscosity station cleans itself automatically between samples, saving valuable time.



### Specifications

#### Viscosity station (PN: F159587)

| Description                                   | Specification                                     |
|---|---|
| Element unit (U) width                        | 2 U (120 mm)                                      |
| Measurement range                             | 1–100 cP  |
| Accuracy                                      | ±0.5 cP + 10% of actual viscosity                 |
| Repeatability                                 | StDev <0.5 cP + 5% of mean                        |
| Sample volume consumed                        | 100 µL  |
| Injection rates                               | 1–30 µL/s (viscosity dependent)                   |
| Shear rates                                   | 1000–15000 s <sup>-1</sup> (viscosity dependent)  |
| Temperature range (both sample and capillary) | 4–40 °C   |
| Temperature accuracy                          | ±1 °C   |
| Measurement time                              | 6 min/sample                                      |
| Throughput                                    | 10 samples/h                                      |
| Capillary cleaning                            | Fully automated                                   |
| Consumable                                    | 100 µL positive displacement pipette tip (Rainin) |