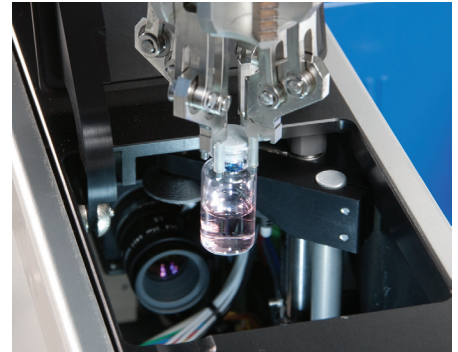


Visual inspection station

For Big Kahuna and Junior

Standardize visual analysis like never before. The visual inspection station (VIS) automates vial analysis providing rapid, non-destructive and objective analysis of formulation color, turbidity and count of suspended visible particles with high accuracy and precision.



Specifications

Visual inspection station (PN: F160000-001)

Description	Specification
Element size (U) width	2 U (120 mm)
Analyses	Visual particle analysis, turbidity and color measurement in clear vials
Nominal vial size	2–20 mL
Vial diameters	15–30.5 mm
Vial height (including stopper and seal)	34–60 mm
Vial mass (including stopper and seal)	5–46 g
Recommended sample volumes	1 mL in 2 mL serum vial For other vials ~50% of nominal fill volume
Measurement time	2–3 min/vial depending on analysis technique and replicates

Suspended visible particle detection

Description	Specification
Minimum particle size detected	80 μm
Maximum solution viscosity	Dependent on vial configuration: <ul style="list-style-type: none"> • 2 mL vial: 30 cP • 20 mL vial: 35 cP
Particle count accuracy	<ul style="list-style-type: none"> • No particles: 0 particles detected • 1–3 particles: detect at least 1 particle • 4–9 particles: actual particle count ± 2 particles • 10–25 particles: actual particle count ± 5 particles

Turbidity

Description	Specification
Measurement range	10–1000 NTU
Measurement accuracy	0–100 NTU: $\leq \pm 5$ NTU >100–1000 NTU: $\leq 5\%$
Repeatability	StDev: ≤ 1 NTU for 10 consecutive samples

Color measurement

Description	Specification
Color matching	Correct match of European Pharmacopeia BY1–BY7 standards



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