



Espectrofotómetro compacto para análisis UV-Vis , fluorescencia en microgota y en cubeta

Compare soluciones de cuantificación con DeNovix

Los espectrofotómetros y fluorómetros DeNovix Serie DS ofrecen diversas combinaciones de modos para adaptarse a las necesidades de su laboratorio. Combine la facilidad de uso, el amplio rango dinámico y la detección de contaminación de la UV-Vis con la sensibilidad y especificidad mejoradas de la cuantificación de fluorescencia. Logre un control total de la calidad de las muestras y una flexibilidad inigualable para la compatibilidad con ensayos actuales y futuros.

						
	Serie DS-11	DS-8X	DS-7	Helio	DS-C	Efectos de luz
Muestras UV de 1 µL	✓	✓ x 8	✓	✓	-	-
Escaneo espectral	✓	✓	✓	-	✓	-
Absorbancia de la cubeta	✓	✓	✓	-	✓	-
Fluorescencia	✓	Añadir	-	-	Añadir	✓
Límite de detección (dsDNA)	0,0005 – 37.500 ng/µL	2 – 11.000 ng/µL	2 – 15.000 ng/µL	2 – 1.600 ng/µL	0,04 – 75 ng/µL	0,0005 – 4000 ng/µL

Comparaciones de especificaciones

Instrumentos de la serie DS

DS-11 Series DS-8X DS-7 Helium QFX DS-C

Measurement Modes

	DS-11 Series	DS-8X	DS-7	Helium	DS-C	QFX
1 µL UV-Vis Samples	Yes	Yes (x8)	Yes	Yes	-	-
Cuvette Absorbance	Yes	Yes	Yes	-	Yes	-
Fluorescence	Yes	Add On	-	-	Add On	Yes
Calibrated for Life	Yes	Yes	Yes	Yes	Yes	Yes

Comparaciones de especificaciones

Instrumentos de la serie DS

DS-11 FX+ DS-11 FX DS-11+ DS-11

Measurement Modes

	DS-11 FX+	DS-11 FX	DS-11+	DS-11
1 µL UV-Vis Samples	Yes	Yes	Yes	Yes
Cuvette Absorbance	Yes	-	Yes	-
Fluorescence	Yes	Yes	Add On	Add On
Calibrated for Life	Yes	Yes	Yes	Yes

Absorbance Specifications

	DS-11 Series	DS-8X	DS-7	Helium	DS-C	QFX
Measurement Speed	2 seconds	~10 seconds (8 sample); 2 seconds (1 sample)	8 seconds	5 seconds	2 seconds	-
Light Source	Pulsed Xenon Flash Lamp	Pulsed Xenon Flash Lamp	Pulsed Xenon Flash Lamp	Pulsed Xenon Flash Lamp	Pulsed Xenon Flash Lamp	-
Wavelength Range	190 - 840 nm	190 - 840 nm	190 - 840 nm	230, 260, 280 nm	190 - 840 nm	-
Wavelength Accuracy	0.5 nm	0.5 nm	1 nm	2 nm	0.5 nm	-
Wavelength Precision	0.14 nm	0.14 nm	1 nm	2 nm	0.14 nm	-
Spectral Resolution	1.5 nm (FWHM at Hg 253.7 nm)	1.5 nm (FWHM at Hg 253.7 nm)	3 nm (FWHM at Hg 253.7 nm)	<6 nm (FWHM at Hg 253.7 nm)	1.5 nm (FWHM at Hg 253.7 nm)	-
Absorbance Range	0.015 - 750 AU (1 cm)	0.04 - 220 AU (1 cm)	0.04 - 300 AU (1 cm)	0.04 - 32 AU (1 cm)	0.0008 - 1.5 AU (1 cm)	-
Absorbance Precision	0.015 AU (1 cm) or 1%, whichever is greater	0.04 AU (1 cm) or 2%, whichever is greater	0.04 AU (1 cm) or 2%, whichever is greater	0.04 AU (1 cm) or 2%, whichever is greater	0.015 AU (1 cm) or 1%, whichever is greater	-
Absorbance Accuracy	1.5% at 0.75 AU at 260 nm	3% at 0.75 AU at 260 nm	2% at 0.75 AU at 260 nm	3% at 0.75 AU at 260 nm	1.5% at 0.75 AU at 260 nm	-
Detector Type	2048 Element CCD	2048 Element CCD	2048 Element CCD	2048 Element CCD	2048 Element CCD	-

Equipo	Precio
DS-11 FX	13.878,83
DS-11 FX +	16.593,11
DS-7	9.291,67
DS-7+	11.513,89
Helium, Spectrophotometer (white)	8.200

**Promoción Valida
Hasta el 30/junio/25**



1 µL UV-Vis Absorbance

	DS-11 Series	DS-8X	DS-7	Helium	DS-C	QFX
Detection Limit	0.75 ng/µL (dsDNA); 0.6 ng/µL (RNA); 0.04 mg/mL (BSA)	2 ng/µL (dsDNA); 1.6 ng/µL (RNA); 0.1 mg/mL (BSA); 0.6 mg/mL (IgG)	2 ng/µL (dsDNA); 0.1 mg/mL (BSA)	2 ng/µL (dsDNA); 0.1 mg/mL (BSA)	-	-
Maximum Concentration	37,500 ng/µL (dsDNA); 30,000 ng/µL (RNA); 1,125 mg/mL (BSA)	11,000 ng/µL (dsDNA); 8,800 ng/µL (RNA); 330 mg/mL (BSA); 161 mg/mL (IgG)	15,000 ng/µL (dsDNA); 450 mg/mL (BSA)	1,600 ng/µL (dsDNA); 48 mg/mL (BSA)	-	-
Pathlength	0.5 mm (Auto Ranging to 0.02 mm)	0.5 mm (Auto Ranging to 0.03 mm)	0.5 mm (Auto Ranging to 0.04 mm)	0.5 mm (Auto Ranging to 0.04 mm)	-	-
Minimum Sample Size	0.5 µL	1 µL	1.0 µL	1.0 µL	-	-
Lower Sample Surface Material of Construction	303 Stainless Steel and Sapphire Window	303 Stainless Steel and Sapphire Window	303 Stainless Steel and Sapphire Window	303 Stainless Steel and Sapphire Window	-	-
Upper Sample Surface Material of Construction	303 Stainless Steel and Quartz Fiber	303 Stainless Steel and Quartz Fiber	303 Stainless Steel and Quartz Fiber	303 Stainless Steel and Quartz Fiber	-	-

Cuvette UV-Vis Absorbance

	DS-11 Series	DS-8X	DS-7	Helium	DS-C	QFX
Detection Limit	0.04 ng/µL (dsDNA - 1 cm); 0.002 mg/mL (BSA - 1 cm)	0.04 ng/µL (dsDNA - 1 cm); 0.002 mg/mL (BSA - 1 cm)	0.04 ng/µL (dsDNA - 1 cm); 0.002 mg/mL (BSA - 1 cm)	-	0.04 ng/µL (dsDNA - 1 cm); 0.002 mg/mL (BSA - 1 cm)	-
Maximum Concentration	75 ng/µL (dsDNA - 1 cm); 2.25 mg/mL (BSA - 1 cm)	75 ng/µL (dsDNA - 1 cm); 2.25 mg/mL (BSA - 1 cm)	75 ng/µL (dsDNA - 1 cm); 2.25 mg/mL (BSA - 1 cm)	-	75 ng/µL (dsDNA - 1 cm); 2.25 mg/mL (BSA - 1 cm)	-
Beam Height	8.5 mm	8.5 mm	8.5 mm	-	8.5 mm	-
Heating	37 - 45 °C +/- 0.5 °C	37 - 45 °C +/- 0.5 °C	37 - 45 °C +/- 0.5 °C	-	37 - 45 °C +/- 0.5 °C	-
Pathlength	10, 5, 2, 1, 0.5, 0.2, 0.125 mm	10, 5, 2, 1, 0.5, 0.2, 0.125 mm	10, 5, 2, 1, 0.5, 0.2, 0.125 mm	-	10, 5, 2, 1, 0.5, 0.2, 0.125 mm	-
Cuvette Dimensions	12.5 mm x 12.5 mm x 45 mm (LxWxH)	12.5 mm x 12.5 mm x 45 mm (LxWxH)	12.5 mm x 12.5 mm x 45 mm (LxWxH)	-	12.5 mm x 12.5 mm x 45 mm (LxWxH)	-
Absorbance Range	0.0008 - 1.5 AU (1 cm)	0.0008 - 1.5 AU (1 cm)	0.0008 - 1.5 AU (1 cm)	-	0.0008 - 1.5 AU (1 cm)	-
Kinetics	Yes	Yes	Yes	-	Yes	-

Fluorescence

	DS-11 Series	DS-8X	DS-7	Helium	DS-C	QFX
Fluorescence	Integrated	Optional Fx Module	-	-	Optional Fx Module	Integrated
Light Sources	UV LED (~375 nm), Blue LED (~470 nm), Green LED (~525 nm), Red LED (~635 nm)	UV LED (~375 nm), Blue LED (~470 nm), Green LED (~525 nm), Red LED (~635 nm)	-	-	UV LED (~375 nm), Blue LED (~470 nm), Green LED (~525 nm), Red LED (~635 nm)	UV LED (~375 nm), Blue LED (~470 nm), Green LED (~525 nm), Red LED (~635 nm)
Excitation Filters	UV: 361 - 389 nm, Blue: 442 - 497 nm, Green: 490 - 558 nm, Red: 613 - 662 nm	UV: 361 - 389 nm, Blue: 442 - 497 nm, Green: 490 - 558 nm, Red: 613 - 662 nm	-	-	UV: 361 - 389 nm, Blue: 442 - 497 nm, Green: 490 - 558 nm, Red: 613 - 662 nm	UV: 361 - 389 nm, Blue: 442 - 497 nm, Green: 490 - 558 nm, Red: 613 - 662 nm
Emission Filters	435 - 485 nm, 514 - 567 nm, 565 - 650 nm, 665 - 740 nm	435 - 485 nm, 514 - 567 nm, 565 - 650 nm, 665 - 740 nm	-	-	435 - 485 nm, 514 - 567 nm, 565 - 650 nm, 665 - 740 nm	435 - 485 nm, 514 - 567 nm, 565 - 650 nm, 665 - 740 nm
Detection Limit (dsDNA)	0.5 pg/µL	0.5 pg/µL	-	-	0.5 pg/µL	0.5 pg/µL
Maximum Concentration (dsDNA)	4000 ng/µL	4000 ng/µL	-	-	4000 ng/µL	4000 ng/µL
Detectors	Photodiode, Detection Range 300 - 1000 nm	Photodiode, Detection Range 300 - 1000 nm	-	-	Photodiode, Detection Range 300 - 1000 nm	Photodiode, Detection Range 300 - 1000 nm
Tube Type	0.5 mL Real Time thin-wall PCR tube (Polypropylene)	0.5 mL Real Time thin-wall PCR tube (Polypropylene)	-	-	0.5 mL Real Time thin-wall PCR tube (Polypropylene)	0.5 mL Real Time thin-wall PCR tube (Polypropylene)
Measurement Speed	<2 seconds	<2 seconds	-	-	<2 seconds	<2 seconds

