

Fida Instruments:

Model Comparison Table



	Fida 1	Fida Neo	Fida Evolve
Size accuracy	5%	Down to 1%	Down to 1%
Kinetics	None	sec-hrs	sec-hrs
Affinity	pM - mM	pM - mM	pM - mM
Size detection	Hydrodynamic Radius of 0.5 - 500 nm	Hydrodynamic Radius of 0.5 - 500 nm	Hydrodynamic Radius of 0.5 - 500 nm
Measurements	Hydrodynamic radius (diffusion-based), Binding Related Intensity Change (BRIC)	Hydrodynamic radius (diffusion-based), Binding Related Intensity Change (BRIC), FIDA Lambda Dynamics (ratiometric fluorescence shift)	Hydrodynamic radius (diffusion-based), Binding Related Intensity Change (BRIC), FIDA Lambda Dynamics (ratiometric fluorescence shift)
Sample sizes	nL-μL (down to 10 μL)	nL-μL (down to 10 μL)	nL-μL (down to 2 μL)
Pressure range	5 - 3500 mBar	5 - 3500 mBar	1 - 4000 mBar (improved accuracy)
Autosampler temperature control	5°-55°C (41°-131°F)	5°-55°C (41°-131°F)	5°- 95°C (41°-203°F)
Capillary temperature control	15°-55°C (59°-131°F)	15°-55°C (59°-131°F)	15°- 55°C (59°-131°F)
Capillary types	Manual	Manual	Click-on cartridges (semi-automated)
Instrument size	(WxHxD) 430x480x670 [mm]	(WxHxD) 520x490x610 [mm]	(WxHxD) 500x497x610 [mm]