

Float-A-Lyzer Holders

QLA now provides Float-A-Lyzer® Holders which will hold the Float-A-Lyzer® in a consistent position for the duration of the dissolution test.

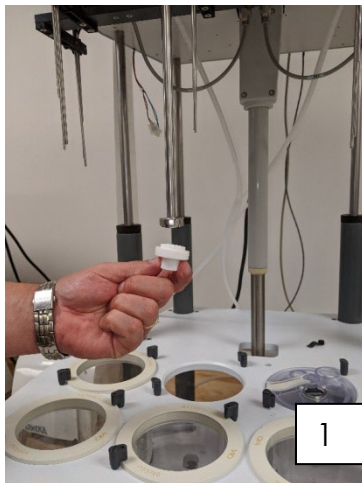
The Repligen Float-A-Lyzer® provides a way to test nanoparticle formulations, microparticle formulations, and suspensions while being able to separate released drug from the dosage ensuring the analysis is providing accurate results of the release rate. The Float-A-Lyzer® is available in various lengths and molecular cutoff weights.

However, on its own, the Float-A-Lyzer® is not ideal as it can float around the dissolution vessel experiencing different hydro-dynamic conditions as the test progresses. QLA Float-A-Lyzer® Holders help ensure the results obtained will be consistent from vessel to vessel and test to test by keeping the Float-A-Lyzer® in the same position for the duration of the test.

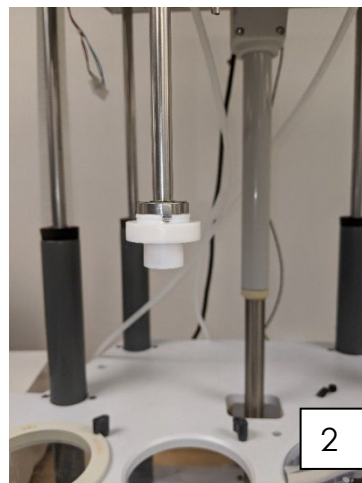
Float-A-Lyzer® Holders can work with paddles, basket shafts, and small volume apparatus allowing adaptability to any dissolution lab.

Apparatus 1 – Baskets Compatibility

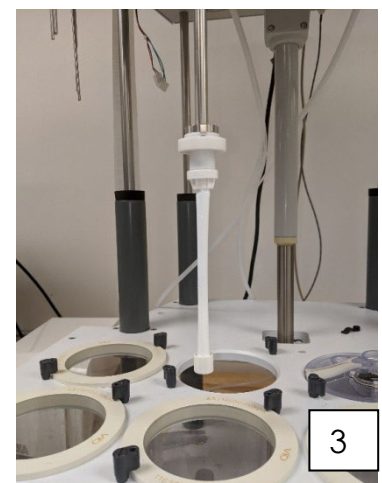
To install the Float-A-Lyzer® Holder for use with Apparatus 1:



1



2



3

1/2) First install the Float-A-Lyzer® Holder onto a basket shaft.

3) Attach the desired Float-A-Lyzer® into the holder. Then in a dry vessel, align the Float-A-Lyzer® Holder to the correct height by adjusting the basket shaft position for any of the FLTHLD-BSKxx adapters.

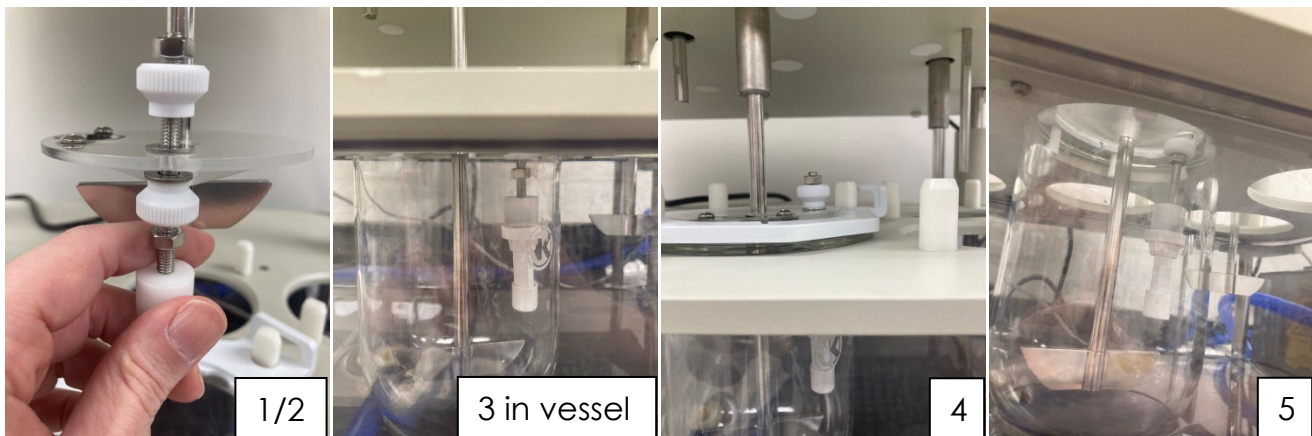


FLTHLD-PAD1 installed in COVHGH-SB with 10 mL Float-A-Lyzer®

Part Number	Use With	Float-A-Lyzer® Volume		
		1 mL	5 mL	10 mL
FLTHLD-BSKDKC	Basket Shaft (Distek Evolution)	Yes	Yes	Yes
FLTHLD-BSKVK	Basket Shaft (VanKel/Varian/Agilent)	Yes	Yes	Yes
FLTHLD-BSKPT	Basket Shaft (Pharmatest)	Yes	Yes	Yes
FLTHLD-BSKHR	Basket Shaft (Hanson Research, Teledyne Hanson)	Yes	Yes	Yes
FLTHLD-BSKEW	Basket Shaft (Erweka)	Yes	Yes	Yes
FLTHLD-BSKDK	Basket Shaft (Distek, Push On)	Yes	Yes	Yes

Apparatus 2 – Paddles Compatibility

To install the Float-A-Lyzer® Holder for use with Apparatus 2:



- 1) Set the paddle height for the dissolution tester and lower the drive head into the testing position.
- 2) Install the FLTHLD-PAD1 or FLTHLD-PAD2 into the dissolution vessel cover loosely.
- 3) Adjust the FLTHLD-PAD1 or FLTHLD-PAD2 until the bottom of the Float-A-Lyzer® is at the correct height.
- 4) Lower the nut above the cover until it is in contact with the cover.
- 5) Remove the cover then raise the nut below the cover until it is tight against the cover.

Part Number	Use With	Float-A-Lyzer® Volume		
		1 mL	5 mL	10 mL
FLTHLD-PAD1	VanKel 700/7000/7010	Yes	No	No
	Hanson SR8-Plus	Yes	No	No
	Distek (All Models)	Yes	No	No
	Electrolab (All Models)	Yes	No	No
	Erweka (All Models)	Yes	No	No
	Pharmatest (All Models)	Yes	No	No
	Logan (All Models)	Yes	No	No
	Agilent 708-DS	No	Yes	No
	Hanson Classic 6	No	Yes	No
	Hanson Elite 8	No	Yes	No
FLTHLD-PAD2	Agilent 708-DS	Yes	No	No
	Hanson Classic 6	Yes	No	No
	Hanson Elite 8	Yes	No	No

Small Volume Compatibility

Installation of the small volume adapter is identical to the Apparatus 1 adapter. It requires the use of a small volume basket shaft. A small volume dissolution vessel is recommended.



FLTHLD-BSKSV installed on mini-basket shaft with 1 mL Float-A-Lyzer®		Float-A-Lyzer® Volume		
		1 mL	5 mL	10 mL
FLTHLD-BSKSV	QLA Small Volume Basket Shaft	Yes	200 mL Vessel or larger required.	No

Height Adjustment Tools

QLA has 10mm, 15mm or 25mm height setting tools available for use with the Apparatus 1 or Small Volume Float-A-Lyzer® Holders. The DEPSET-1015, ASTMBALL-25, and other tools are options.

For setting the height on Apparatus 2 Float-A-Lyzer® Holders, we have DEPSET-SBA available.

For more information on Float-A-Lyzer® Holders contact your QLA Representative or Distributor.