

FLOAT-A-LYZER® HOLDERS



QUALITY LAB ACCESSORIES

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.

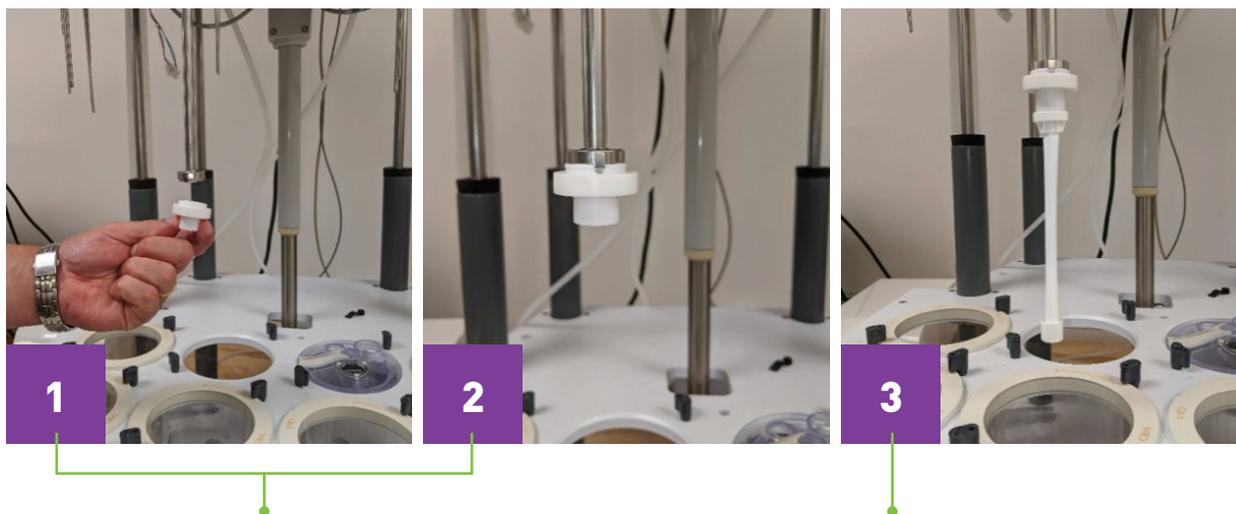


FLTHLD-PAD1 installed in
COVHGH-SB with 10 mL
Float-A-Lyzer®

Apparatus 1

Baskets Compatibility

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



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

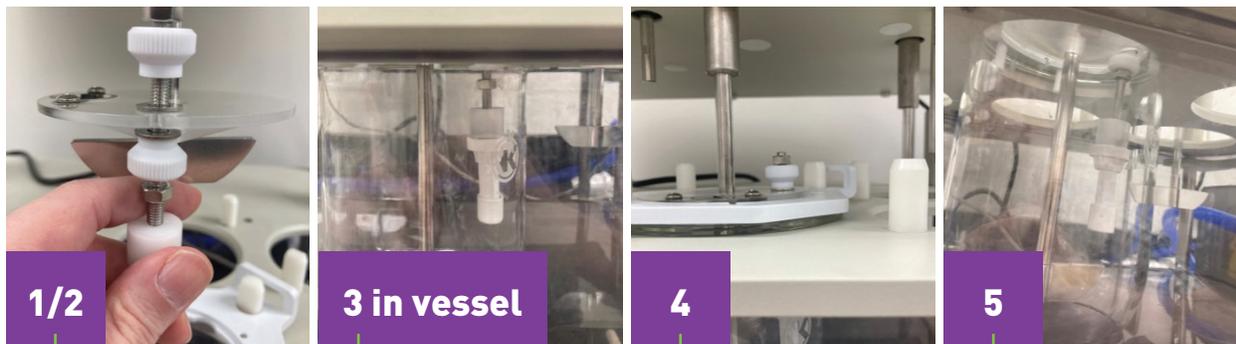
2
3
Attach the desired Float-A-Lyzer® into the holder. Then in a dry vessel, align the Float-A-Lyzer® Holder to the correct height by adjusting the basket shaft position for any of the FLTHLD-BSKxx adapters.

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:



1/2
Set the paddle height for the dissolution tester and lower the drive head into the testing position.

Install the FLTHLD-PAD1 or FLTHLD-PAD2 into the dissolution vessel cover loosely.

3 in vessel
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®



Part Number	Use With	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.

Float-A-Lyzer® Available from QLA

The Float-A-Lyzer® is available in 3 different sizes and 9 different molecular cut off weights (MWCO). They can be purchased directly from QLA.

1mL	
FLTCE01.1-.5	Float-A-Lyzer G2 Dialysis Device, Biotech Grade Cellulose Ester, 1mL (working volume .8mL-1.3mL),.1-.5kD MWCO (Pack/12)
FLTCE01.5-1	Float-A-Lyzer G2 Dialysis Device, Biotech Grade Cellulose Ester, 1mL (working volume .8mL-1.3mL),.5-1kD MWCO (Pack/12)
FLTCE013.5-5	Float-A-Lyzer G2 Dialysis Device, Biotech Grade Cellulose Ester, 1mL (working volume .8mL-1.3mL),3.5-5kD MWCO (Pack/12)
FLTCE018-10	Float-A-Lyzer G2 Dialysis Device, Biotech Grade Cellulose Ester, 1mL (working volume .8mL-1.3mL),8-10kD MWCO (Pack/12)
FLTCE0120	Float-A-Lyzer G2 Dialysis Device, Biotech Grade Cellulose Ester, 1mL (working volume .8mL-1.3mL),20kD MWCO (Pack/12)
FLTCE0150	Float-A-Lyzer G2 Dialysis Device, Biotech Grade Cellulose Ester, 1mL (working volume .8mL-1.3mL),50kD MWCO (Pack/12)
FLTCE01100	Float-A-Lyzer G2 Dialysis Device, Biotech Grade Cellulose Ester, 1mL (working volume .8mL-1.3mL),100kD MWCO (Pack/12)
FLTCE01300	Float-A-Lyzer G2 Dialysis Device, Biotech Grade Cellulose Ester, 1mL (working volume .8mL-1.3mL),300kD MWCO (Pack/12)
FLTCE011000	Float-A-Lyzer G2 Dialysis Device, Biotech Grade Cellulose Ester, 1mL (working volume .8mL-1.3mL),1000kD MWCO (Pack/12)
5mL	
FLTCE05.1-.5	Float-A-Lyzer G2 Dialysis Device, Biotech Grade Cellulose Ester, 5mL (working volume 4mL-5.5mL),.1-.5kD MWCO (Pack/12)
FLTCE05.5-1	Float-A-Lyzer G2 Dialysis Device, Biotech Grade Cellulose Ester, 5mL (working volume 4mL-5.5mL),.5-1kD MWCO (Pack/12)
FLTCE053.5-5	Float-A-Lyzer G2 Dialysis Device, Biotech Grade Cellulose Ester, 5mL (working volume 4mL-5.5mL),3.5-5kD MWCO (Pack/12)

5mL

FLTCE058-10	Float-A-Lyzer G2 Dialysis Device, Biotech Grade Cellulose Ester, 5mL (working volume 4mL-5.5mL),8-10kD MWCO (Pack/12)
FLTCE0520	Float-A-Lyzer G2 Dialysis Device, Biotech Grade Cellulose Ester, 5mL (working volume 4mL-5.5mL),20kD MWCO (Pack/12)
FLTCE0550	Float-A-Lyzer G2 Dialysis Device, Biotech Grade Cellulose Ester, 5mL (working volume 4mL-5.5mL),50kD MWCO (Pack/12)
FLTCE05100	Float-A-Lyzer G2 Dialysis Device, Biotech Grade Cellulose Ester, 5mL (working volume 4mL-5.5mL),100kD MWCO (Pack/12)
FLTCE05300	Float-A-Lyzer G2 Dialysis Device, Biotech Grade Cellulose Ester, 5mL (working volume 4mL-5.5mL),300kD MWCO (Pack/12)
FLTCE051000	Float-A-Lyzer G2 Dialysis Device, Biotech Grade Cellulose Ester, 5mL (working volume 4mL-5.5mL),1000kD MWCO (Pack/12)

10mL

FLTCE05.1-.5	Float-A-Lyzer G2 Dialysis Device, Biotech Grade Cellulose Ester, 10mL (working volume 8mL-11mL),.1-.5kD MWCO (Pack/12)
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