INTEGRA



Clear Advantage™ Reagent Reservoirs

Save space and minimize dead volumes



SureFlo™
anti-sealing array
ensures highest sample recovery

10, 25, 100, 150
and 300 ml
volumes for any application

Polystyrene
and polypropylene
options available

Minimize reagent dead volumes



Clear graduations on the reusable base offer more accurate measurements and less reagent waste.

8 row automation friendly reservoir



12 column automation friendly reservoir



SureFlo anti-sealing array

The unique SureFlo anti-sealing array and hydrophilic surface treatment spread reagents evenly across the base of the reservoir, allowing tips to sit on the bottom without aspirating air, reducing dead volumes. The SureFlo anti-sealing feature is an available option for the 10, 25, and 100 ml multichannel reservoirs. SureFlo anti-sealing array is standard on the divided and 12 well multichannel reservoirs, and the 150 and 300ml, 8 row, and 12 column automation friendly reservoirs.



Polystyrene



Polypropylene

Clear advantage reagent reservoirs

with SureFlo anti-sealing array

INTEGRA offers a wide range of Clear Advantage reservoirs in both polystyrene and polypropylene to provide the most flexibility in your workflows. All **Clear Advantage reservoirs** share a consistent set of innovative features, including a stackable design. Reservoirs nest neatly inside one another, allowing twice as many reservoirs to fit in half the space to reduce storage requirements and minimize shipping costs. Unlike traditional reservoirs that have hard to see graduations molded directly into the plastic, **Clear Advantage reservoirs** fit into a visibly marked reusable base. This innovative design leads to accurate reagent measurement, avoiding over-pouring and reducing waste.

Did you know?

Our sturdy and reusable polypropylene reagent reservoirs offer high resistance to solvents and low binding of proteins and dyes, making them the go-to choice for most protocols. Please refer to our website for technical notes about the reservoirs' solvent resistance and use in PCR testing.





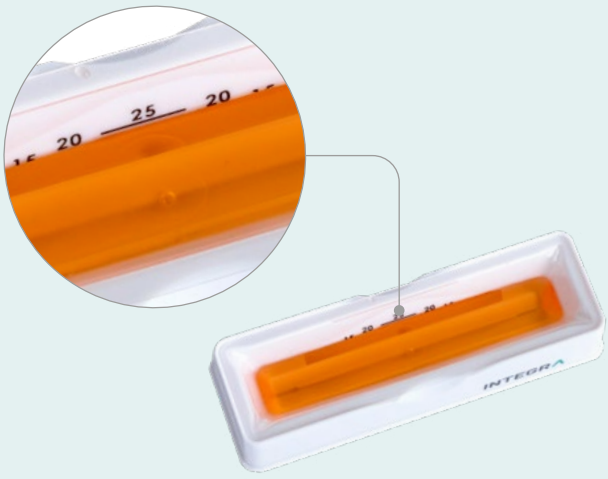
Reusable reservoir base

A sturdy, reusable base reduces the amount of plastic required for the disposable inserts. Each base is clearly marked with volume indicator lines and offers a clear view to liquid levels. The multichannel reservoir base is designed for standalone use, or with the **ASSIST** and **ASSIST PLUS** pipetting robots. The automation friendly reservoir base can be used with the **VIAFLO 96**, **VIAFLO 384** and **MINI 96** electronic multichannel pipettes, or any platform that uses labware with a standardized footprint.



Disposable inserts

The disposable inserts are thoughtfully designed and packaged to neatly nest inside one another, significantly reducing storage space requirements. The reusable reservoir base provides stability to the disposable insert, reducing plastic waste by replacing only the insert and not the entire reservoir.



Printed graduations

Integrated volume graduations result in accurate, consistent measurements and less reagent waste. The unique design refracts light so that graduations below the fluid surface become invisible, making it easy to quickly and precisely fill to the desired reagent volume.



Pour back spouts

A convenient pour back spout is molded into each reagent reservoir, allowing precise control of liquid flow for neat and easy return of excess fluid to a source container if your protocol permits.

Multichannel reagent reservoirs





Inserts are lids

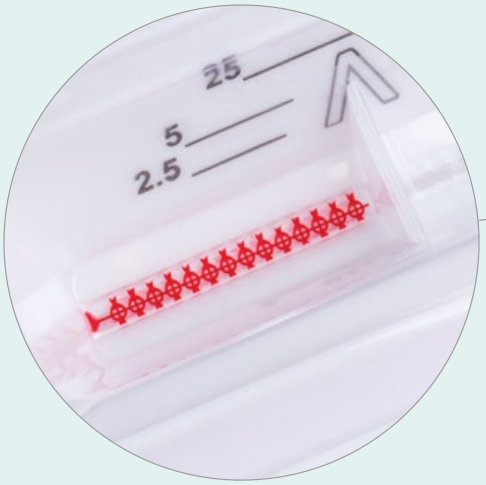
The 10, 25 and 100 ml multichannel reservoir bases can accommodate a second reservoir insert as a lid, preventing evaporation or contamination.

Deep trough design

Multichannel reagent reservoirs feature an extra deep trough that accumulates liquid, reducing dead volumes and ensuring maximum reagent recovery.

Divided reagent reservoirs

Our divided reservoirs are designed to allow you to work with smaller reagent volumes, combining 5 and 10 ml compartments in a 25 ml reusable base to offer the lowest dead volumes for multichannel pipetting.





SureFlo anti-sealing array

12 well reagent reservoirs





These multichannel reservoirs are made up of 12 compartments, each with a 3 ml capacity, and are designed to fit comfortably into our standard 25 ml reusable base. This reservoir is ideal for a variety of liquid handling applications, since the 9 mm reservoir well spacing matches plate spacing, making it especially handy for 8 and 12 channel pipetting of samples into an entire row or column of a 96 well plate.

Automation friendly reagent reservoirs





Latching lid with gasket

Both the 150 and 300 ml automation friendly reagent reservoir bases have latching lids. The lids incorporate a gasket which prevents spillage during transport, and evaporation during short term storage. Simply insert the reservoir into the base, secure the lid and slide the latches forward to lock the system. When lids are not being used, the latches can be left in the ‘unlocked’ position to allow easy insertion and removal of reservoirs.



Dual viewing windows

A clear line of sight to the bottom of the reagent reservoir is crucial to prevent crashing pipette tips. Dual viewing windows allow users to safely position tips whether 96, 384 or a single column of tips are being used.

Treated flat bottom

A specially formulated hydrophilic surface treatment prevents liquid from pooling, allowing even distribution of liquids across the entire reservoir. In combination with the 96/384 anti-sealing pattern, this eliminates the need for traditional V-shaped wells, ensuring the lowest dead volumes on the market!

8 row and 12 column options

8 row and 12 column polypropylene and polystyrene reservoirs are also available for use with the INTEGRA standard footprint automation friendly base. 12 column reservoirs feature a capacity of 21 ml per well, while the 8 row reservoirs offer a capacity of 32 ml per row. Both materials and configurations employ SureFlo technology to achieve the lowest possible dead volumes. A non-gasketed lid is also available for use with these reservoirs.

Multichannel reagent reservoir ordering information

Volume	Description	Polystyrene part no.	Polypropylene part no.	SureFlo polystyrene part no.	SureFlo polypropylene part no.
10 ml For use with 8 and 16 channel pipettes 	Trial pack, sterile	4330	4335	4370	4375
	30 individually sealed, sterile	4331	4336	4371	4376
	200 bulk, sterile	4332	4337	4372	
	Sleeve of 50, sterile			4373	
	10 reservoir bases		4306		
25 ml For use with 8, 12 and 16 channel pipettes 	Trial pack, sterile	4310	4315	4380	4385
	30 individually sealed, sterile	4311	4316	4381	4386
	200 bulk, sterile	4312	4317	4382	
	Sleeve of 50, sterile			4383	
	10 reservoir bases		4304		
100 ml For use with 8, 12 and 16 channel pipettes 	Trial pack, sterile	4320	4325	4390	
	30 individually sealed, sterile	4321	4326	4391	
	200 bulk, sterile	4322	4327	4392	
	Sleeve of 50, sterile			4393	
	10 reservoir bases		4305		

12 well reagent reservoir ordering information

Volume	Description	SureFlo polystyrene part no.	SureFlo polypropylene part no.
9 mm spacing For use with 1, 8 and 12 channel pipettes 	Trial pack, sterile	4360	4365
	30 individually sealed, sterile	4361	4366
	10 reservoir bases	4304	

25 ml divided reagent reservoir ordering information

Volume	Description	SureFlo polystyrene part no.	SureFlo polypropylene part no.
25 ml 	Trial pack, sterile	4350	4355
	30 individually sealed, sterile	4351	4356
	200 bulk, sterile	4352	4357
	Sleeve of 50, sterile	4353	
	10 reservoir bases	4304	

Automation friendly reagent reservoir ordering information

Volume	Description	SureFlo polystyrene part no.	SureFlo polypropylene part no.
150 ml 	Trial pack, sterile	6303	6308
	30 individually sealed, sterile	6317	6337
	100 bulk, sterile	6318	6338
	8 reservoir bases, non-sterile	6301	
	25 lids with gasket, sterile	6302	
300 ml 	Trial pack, sterile	6307	6309
	30 individually sealed, sterile	6327	6347
	100 bulk, sterile	6328	6348
	8 reservoir bases, non-sterile	6305	
	25 lids with gasket, sterile	6306	

8 row and 12 column automation friendly reagent reservoir ordering information

Volume	Description	SureFlo polystyrene part no.	SureFlo polypropylene part no.
8 row 	30 individually sealed, sterile	6373	6374
12 column 	30 individually sealed, sterile	6363	6364
Automation Friendly Lids	10 automation friendly lids without gasket	6304	

Polypropylene reagent reservoir ordering information

INTEGRA also offers standard footprint polypropylene reagent reservoirs that provide improved chemical compatibility and allow autoclaving. Multiple formats are available including 300ml openwell and 96 deep well (2.2 ml each), each with 96 pyramid-shaped indentations, and 12 column and 8 row options.



Format	Description	Part no.
96 well	25 reservoirs per case, pyramid bottom, non-sterile	6351
	25 reservoirs per case, pyramid bottom, pre-sterilized	6352
Deep well plate	50 reservoirs per case, deep well plate, V bottom, sterile, 2.2ml per well	6353
12 column	25 reservoirs per case, pyramid bottom, non-sterile	6361
	25 reservoirs per case, pyramid bottom, pre-sterilized	6362
8 row	25 reservoirs per case, pyramid bottom, non-sterile	6371
	25 reservoirs per case, pyramid bottom, pre-sterilized	6372

INTEGRA polystyrene SureFlo reagent reservoir dead volumes

Description	Dead volume µl
10ml polystyrene multichannel	51 ± 10 µl
25ml polystyrene multichannel	80 ± 12 ul
100ml polystyrene multichannel	120 ± 14 µl
12 well polystyrene multichannel	<5 µl per well
25ml polystyrene divided multichannel	5 ml side: 6 ± 3 µl 10 ml side: 27 ± 6 µl
25ml polystyrene divided multichannel	5 ml side: 6 ± 3 µl 10 ml side: 29 ± 10 ul

Contact us:

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