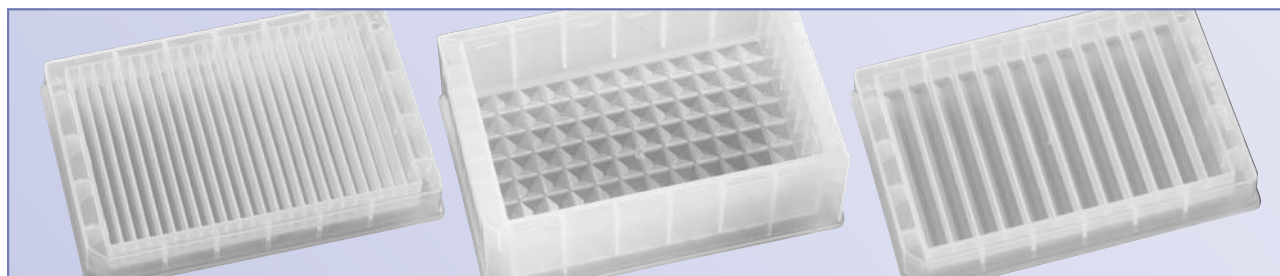


Reservoir trays

Porvair Sciences reservoir trays are designed for use with any robotic liquid handling system. These reservoirs offer options for a single liquid or a partitioned space for several liquids. Most working configurations are accounted for as well as varying liquid volumes. Made to take a range of liquid handling configurations from 8 or 12 channel pipettes through to 96 or 384 pipette heads.

- *Pyramid bottom for very low dead volume*
- *Robot friendly*
- *Moulded in natural virgin polypropylene*
- *Chemically and heat resistant*
- *Autoclavable*
- *Can be gamma irradiated*
- *Made to SBS/ANSI standard dimensions*



Reservoirs

Description	Max. vol.	Dead vol.	Qty/Pack	Cat. no.
96-well, full height, pyramid bottom	300ml	<64µl	25	390001
12-column full height, pyramid bottom	290ml	<540µl	25	390002
8-row, full height, pyramid bottom	300ml	<82µl	25	390003
96-well, low profile, pyramid bottom	86ml	<64µl	25	390004
12-column, each of 21ml, partitioned, pyramid bottom	252ml	<54µl (per col)	25	390005
8-row reservoir, each of 32ml, partitioned, pyramid bottom	256ml	<82µl	25	390006
384-well, full height, pyramid bottom	282ml	<7µl	25	390007
384-well, low profile, pyramid bottom	92ml	<7µl	25	390008
Reservoir, low profile, flat bottom	85ml	–	25	390009
12-column, each of 7ml, partitioned, pyramid bottom, low profile	84ml	<54µl (per col)	25	390012
384-well, low profile, with four controls	49.3ml	<120µl	25	390013
8-row, partitioned, each of 10.6ml, pyramid bottom, low profile	84ml	<82µl (per col)	25	390014
6-column, each of 47ml, partitioned, full height, pyramid bottom	282ml	<82µl (per col)	25	390015
384-well, 2 control wells, full height, pyramid bottom	282ml	<7µl	25	390016
16-row, partitioned, each of 4.9ml, low profile, pyramid bottom	78ml	<18µl (per col)	25	390017
24-column, each of 3.5ml, partitioned, low profile reservoir, pyramid bottom	84ml	<110µl (per col)	25	390018
4-column partition reservoir pyramid bottom	300ml	<540µl	25	390107
24-column reservoir, 3.5ml, partitioned, low profile	78ml	250µl	25	390108
384-well reservoir, 4 controls, half height	155ml	7µl	25	390109
384-well reservoir, controls, low profile, wave breakers	92ml	7µl	25	390110
4 rows of 73ml partitioned Reservoir, pyramid bottom	292ml	0.5ml	25	390111
Universal anti-splash reservoir baffle to fit 390009	–	–	10	390011
Disposable PVC trays for use with Porvair manifolds	–	–	25	219010
Polystyrene clear lid for all 96-well SBS standard plates	–	–	100	229125
Polypropylene lid for all 96-well SBS standard plates	–	–	100	229128

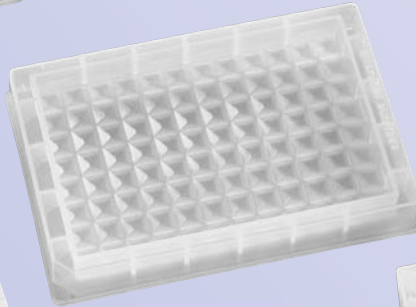
Reservoir trays



390001



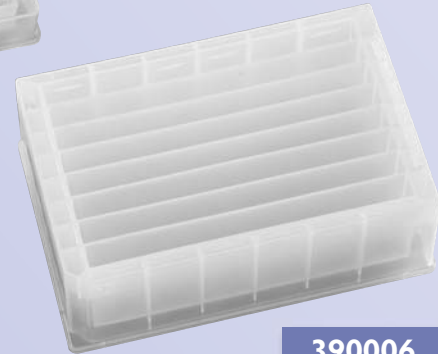
390003



390004



390002

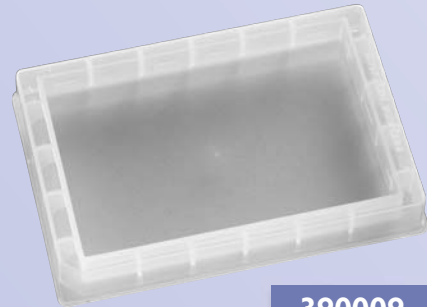


390006

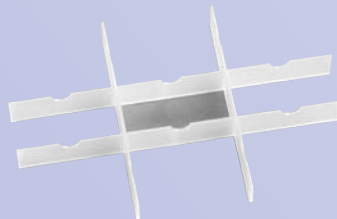


390007

390011



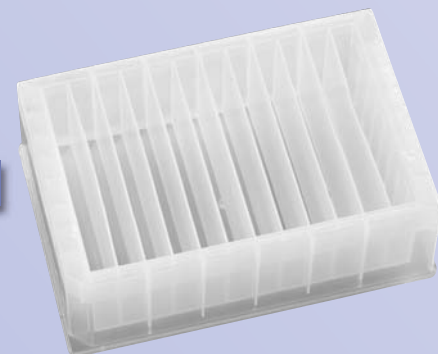
390009



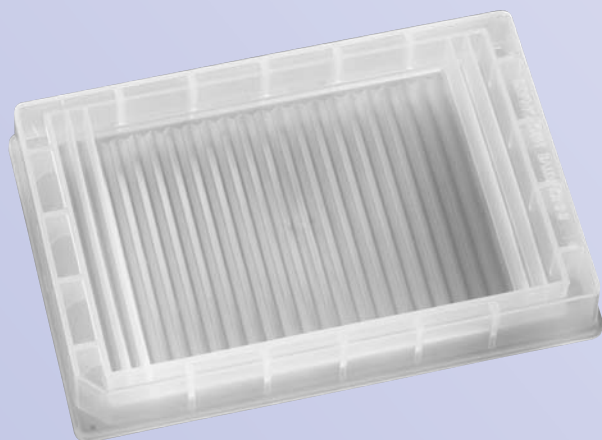
390005



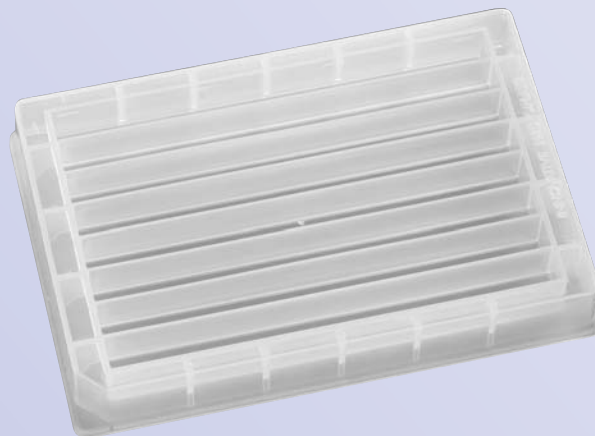
390008



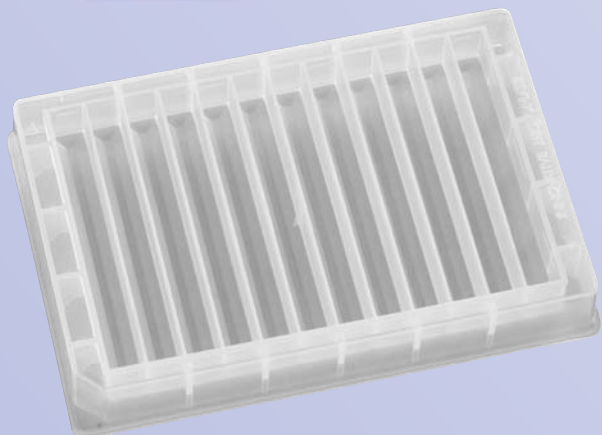
Reservoir trays



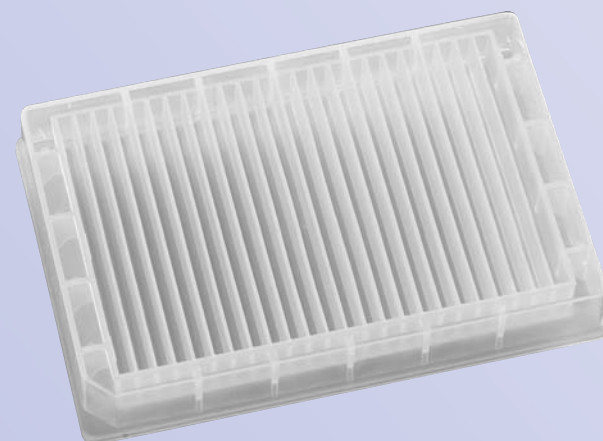
390013



390014



390012



390018

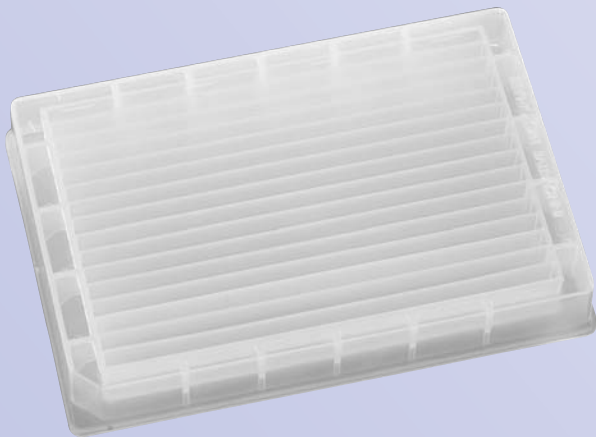


390015



390107

Reservoir trays



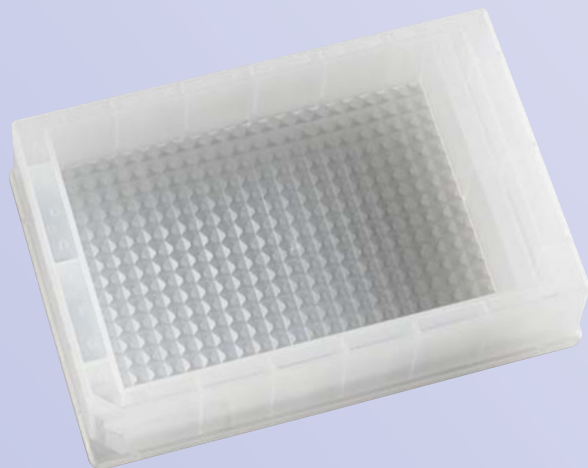
390017



219010



390108



390109



390110



390111

Reagent Reservoirs for manual use

Following the outstanding success of Porvair polypropylene reagent reservoirs for automation, we are now pleased to introduce a range of affordable, disposable polystyrene reservoirs with lid option for reagent protection on the bench, together with re-usable reservoir holders with disposable polypropylene liners to minimise waste. Our new range includes the innovative CoolTrough reservoir holder with built-in coolant to keep reagents cool during use.

Disposable polystyrene reagent reservoirs with polystyrene lid option

Disposable reservoirs are available in a choice of volume ranges, 25-50ml and 50-100ml, and layouts in either 8- or 12- channel formats combined with a choice of sterile or non-sterile. Porvair's affordable disposable reservoirs with optional clear lids prevent contamination and also prevent accidental spillage when moving reservoirs on the bench. In addition, the lids enable reservoirs to be stacked. Accurate pipetting is ensured by a ridge on the side of the reservoir which helps the user to remove drops from the pipette tips. In addition, the non-nesting design of Porvair's reservoir trays makes it easy to separate a single reservoir from a pile.

Introducing CoolTrough cooled reagent reservoirs

To minimise waste in your laboratory and to help you maintain the cool chain right to your benchtop, Porvair have introduced a new range of chilled reusable reservoirs with disposable polypropylene liners. These CoolTrough Reagent Reservoir holders are designed to keep reagents cold during sample preparation (between 0-5 °C). As the rigid CoolTrough accepts disposable liners, it is very easy to change or replenish reagents during a prep. With cold-gel sealed bases, CoolTrough holders can be stored in a freezer, removed prior to use and fitted with a disposable polypropylene liner, making them very easy to use. Where cooling is not required, Porvair offer reagent holders for use with the same disposable liners at ambient temperatures.

Reagent Reservoirs Manual / Bench Use

Description	Qty/Pack	Cat. no.
Reservoir lids 25 - 50ml. 10/pack, 50/case	50	386001
Reservoir lids 50 - 100ml and 8/12 channel reservoirs. 10/pack, 50/case	10	386002
25 - 50ml Reagent reservoir. Bulk Pack. Sterile, 10/pack, 200/case	200	386003
25 - 50ml Reagent reservoir. Sterile with lid. Individually wrapped. 100/case	100	386004
50 - 100ml Reagent reservoir. Sterile with lid. Individually wrapped. 100/case	100	386006
50 - 100ml Reagent reservoir. Sterile, bulk packed in bags of 10. 200/case	200	386005
100ml reagent troughs. Bulk pack of 100 non-sterile liners. One free re-usable holder included with every pack	1	386007
Pack of five re-usable holders for use with the 56-1001 reagent reservoir liners	5	386008
CoolTrough. Pack of five re-usable holders with cold-gel bases to keep reagents cool while on the bench.	5	386009
8 & 12 Channel Reagent Reservoirs		
8 channel Reagent reservoir. Sterile with lid. Individually wrapped. 100/case	100	386010
8 channel Reagent reservoir. Sterile, bulk packed in bags of 10. 100/case	100	386011
12 channel Reagent reservoir. Sterile with lid. Individually wrapped. 100/case	100	386012
12 channel Reagent reservoir. Sterile, bulk packed in bags of 10. 100/case	100	386013
Multi channel pipette reservoir polypropylene lidded		
Texan™ reservoir with lid, graduated, non-sterile 175ml	10	229522
Texan™ reservoir with lid, graduated, Sterile 175ml	10	229527

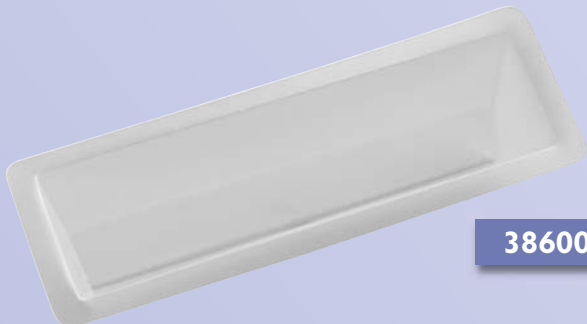
Disposable reservoir trays



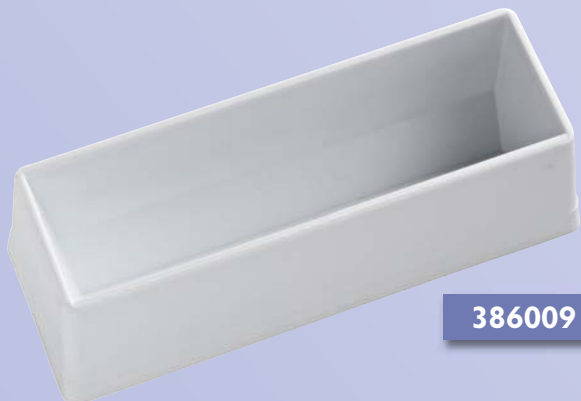
386003



386005



386007



386009



229522
229527



386010



386012

Custom manufacture

Porvair Sciences Ltd has a long history of successfully helping customers develop new and innovative microtitre plates and equipment. Porvair Sciences expertise in polymer moulding, surface treatment, specialist assembly and general understanding of life science applications makes the company ideal for custom manufacture. We can also undertake 'private labelling' of our standard products. Current customers for custom manufacture include the following groups:

- *Scientific instrument companies*
- *Pharmaceutical R&D laboratories*
- *Cell biology companies*
- *Compound library suppliers*
- *Diagnostic companies*
- *Military contractors*
- *Microarray research companies*

Techniques which Porvair Sciences use in the generation of custom products include:

- *Polymer ultrasonic welding*
- *Plasma surface treatment of polymers*
- *'Two-shot' injection moulding*
- *Co-sintering of polymers/silicas*

Porvair Sciences offers rapid solutions to problems by consultancy, design and speedy prototyping for biotech, pharmaceutical and life science companies.

