

# Radiation Shielding

## Radiation Shielding



Designed to provide maximum shielding during procedures which require the handling of  $\beta$ -emitting isotopes, such as  $^{32}\text{P}$ ,  $^{90}\text{Y}$  and  $^{35}\text{S}$ .

- ◆ Manufactured in transparent acrylic
- ◆ Label showing radiation symbol and legend Caution – "Radioactive Material" supplied with each shield

### Benchtop Beta Shields

Free standing stable shields in transparent acrylic 9.5mm thick. With angled top and 300mm deep base which provides a flat working surface and minimises the risk of "hot spots" on the laboratory bench.

	Ref. 6700	H x W x D mm
RA400-10	-1812	457 x 305 x 305
RA400-15	-2418	610 x 457 x 305

### SAFETY NOTES

- 1) These shields are unsuitable for use against secondary x-rays (Bremsstrahlung) or gamma radiation.
- 2) Radioactive waste must never be stored on the benchtop for long periods and must be disposed of properly. Proper handling and storage of isotopes minimises unnecessary exposure to radiation.

### Beta Waste Containers

Transparent acrylic 9.5mm thick. Supplied with polyethylene screw cap bottle to contain aqueous waste solutions such as buffers. The shield encases the waste bottle without obstructing access to the bottle cap.

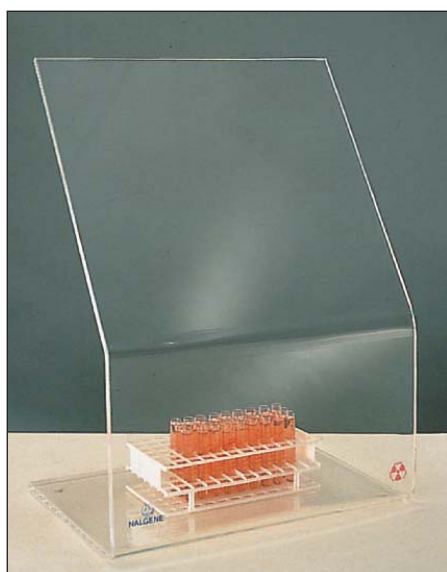
	Ref. 6710	Dia. mm	Cap. litre
RA405-17	-2000	140	2

### Beta Waste Shield

Transparent acrylic 9.5mm thick. Accommodates large containers. A large hinged door in the cover allows easy access to the waste receptacle and a tray sits within the shield to contain spillage. Hinged corners allow removal of the container and the shield can be collapsed for storage.

	Ref. 6745	H x W x D mm
RA416-16	-9024	737 x 457 x 457

Benchtop bench protection to contain radioactive spillage – see SA200 in the Safety section.



RA400 in use



RA405 in use



RA416 in use