

Filling Pistol (Kit 1)

for connection to suitable supply.

This equipment has been designed to aid the topping-up of water for large sizes or numbers of cells, especially where the electrolyte levels cannot easily be seen.

The complete topping-up watering equipment comprises two basic units: a cell topper and a water supply connected by a flexible hose. The filling pistol, which has a flow rate of 8 litres/min., shuts off at the right level when the correct spacer tube is used.



Filling pistol operation

- 1 Select the appropriate spacer tube for cell type that is to be topped-up. Refer to the spacer tube list in the tables for correct spacer tube identification. The spacer tubes are individually marked with an identity letter.
- 2 Attach spacer tube to the front end of the probe.
- 3 Orient the spacer tube so that the stepped inside diameter is put onto the probe first; it must face Push the spacer tube completely against the probe top so that there is no visible space between the spacer tube and the probe top. Refer to the pictures below for correct positioning of spacer tube on the probe.
- 4 Insert probe into cell.
- 5 Press and hold the handle until you feel the pistol stop dispensing water. You will be able to feel this in the handle.
- 6 Release the handle.
- 7 Remove the probe from the cell.
- 8 Note: There will be some water that drips out of the probe after the handle is released. Let this drain into the cell or to another desirable location.
- 9 Repeat above steps for each cell to be topped-up.

Correct installation for specified spacer tubes in the table



Spacer Tubes "A" to "F" and H



Spacer Tube "G"

Alcad Nickel-Cadmium Batteries

Pocket Plate Type cells

| Battery Type | Capacity | Spacer to be used |
|--------------|------------|-------------------|
| LB P | 387 - 1540 | B |
| MB P | 369 - 1390 | B |
| HB P | 230 - 920 | B |
| LC P | 10 - 59 | A |
| LC P | 70 - 355 | B |
| MC P | 9 - 55 | A |
| MC P | 70 - 335 | B |
| HC P | 9 - 34 | A |
| HC P | 40 - 210 | B |
| VTX 1L | 15-75, 110 | A |
| VTX 1L | 95 | B |
| VTX 1L | 140 - 1700 | B |
| VTX 1M | 8 - 65 | A |
| VTX 1M | 75 | B |
| VTX 1M | 100 - 1330 | B |
| LD P | 10 - 70 | H |
| L P | 11 - 69 | B |
| L P | 76 - 128 | C |
| L P | 157 - 411 | B |
| M P | 11 - 59 | B |
| M P | 65 - 118 | C |
| M P | 145 - 341 | B |
| M S | 32 - 118 | A |
| M S | 145 - 435 | B |
| H P | 11 - 50 | B |
| H P | 58 - 137 | C |
| H P | 147 - 265 | B |
| H S | 67 - 128 | A |
| H S | 147 - 320 | B |

Sinter/PBE type Cells

| Battery Type | Capacity | Spacer to be used |
|--------------|-----------|-------------------|
| XHP | 11 | A |
| XHP | 16 - 52 | D |
| XHP | 60 - 80 | B |
| XHP | 90 - 190 | A |
| XHP | 220 - 320 | C |



Industrial Batteries (UK) Limited

Industrial Batteries (UK) Limited

Greenlands Business Centre, Studley Road

Redditch, Worcestershire, B98 7HD

Tel: 01527 520052 Fax: 01527 520053

E-mail: sales@ibluk.co.uk

Web: www.ibluk.co.uk