DISPET™

A NEW HIGH QUALITY DISPENSER

- Excellent accuracy and precision
- Light weight and compact design ensure easy handling.
- Dispense mechanism is completely solvent-proof and corrosion-proof, permitting use with all liquids except hydrofluoric acid.

OPERATION

1. Set the volume indicator to the desired volume and lock by tightening screw.
2. Remove all air bubbles and fill the dispensing nozzle by pumping the plunger several times.
3. Gently press the plunger until it meets the volume indicator.
4. Gently depress the plunger as far as it will go, delivering the preset volume.

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Code</th>
<th>Volume</th>
<th>Scale Graduation</th>
<th>Accuracy</th>
<th>Precision</th>
<th>Air Volume</th>
</tr>
</thead>
<tbody>
<tr>
<td>DP-1</td>
<td>1-5 ml</td>
<td>0.05 ml</td>
<td>&lt; ±1 %</td>
<td>&lt; ±0.2 %</td>
<td>250 ml</td>
</tr>
<tr>
<td>DP-2</td>
<td>0.5-2 ml</td>
<td>0.05 ml</td>
<td>&lt; ±1 %</td>
<td>&lt; ±0.2 %</td>
<td>200 ml</td>
</tr>
<tr>
<td>DP-3</td>
<td>0.5 ml</td>
<td>0.05 ml</td>
<td>&lt; ±1 %</td>
<td>&lt; ±0.2 %</td>
<td>150 ml</td>
</tr>
<tr>
<td>DP-5</td>
<td>0.5 ml</td>
<td>0.05 ml</td>
<td>&lt; ±1 %</td>
<td>&lt; ±0.2 %</td>
<td>50 ml</td>
</tr>
<tr>
<td>DP-10</td>
<td>0.2 ml</td>
<td>0.02 ml</td>
<td>&lt; ±1 %</td>
<td>&lt; ±0.2 %</td>
<td>10 ml</td>
</tr>
</tbody>
</table>

ADAPTOR FOR SCREW NECK REAGENT BOTTLE

The models fit reagent bottle with 27mm threads. We can supply 9 adaptors for reagent bottles with the following threads:
- 18mm, 19mm, 22mm, 24mm, 25mm, 28mm, 33mm, 38mm, and 45mm.
- 1ml and 2ml models are supplied with a 22mm adaptor.

Manufacturer:
NICHIRYO CO., LTD.
4-16, IWAMOTO-CHO, 2-Chome, DISYODA-KU,
TOKYO 101, JAPAN
Tel: 81.3.5002-2411 Fax: 81.3.6802-2410
e-mail: nichiryo@technowave.co.jp

Distributor:

CONTENTS

- Teflon® inlet tubes (220mm) are provided which can be cut to depth of bottle used.
- With screw cap adaptors, Dispert fits most standard screw neck bottles.
- Pyrex® glass cylinder is protected by a plunger sleeve.
- Air is readily purged when Dispert is primed.
- Optional extension dispensing tube (500mm Teflon®) is available.

PARTS AND MATERIALS

1. Sleeve Cap (Polypropylene)
2. Scale Plate (Stainless Steel)
3. Plunger (Polypropylene)
4. Plunger (Pyrex® Glass)
5. Cylinder (Pyrex® Glass)
6. Volume Indicator (Pyrex® Glass)
7. Volume Setting Screw (Crimp Packed Brass)
8. Outlet Valve Cover (PTFE)
9. Valve Spring (Stainless - Teflon®)
10. Valve Ball (Aluminum Oxide)
11. Ball Seat (Aluminum Oxide)
12. Valve Holder (COP)
13. Threaded Base (Polypropylene)
14. Inlet Valve Cover (PTFE)
15. Dispensing Nozzle (Teflon®)
16. Dispensing Nozzle Cap (Polypropylene)
17. Inlet Tube (Teflon®)
18. Adaptor (Polypropylene)

TEFLON REG TM E.I.Du Pont de Nemours & Co.,
PYREX REG TM Corning Glass Works.