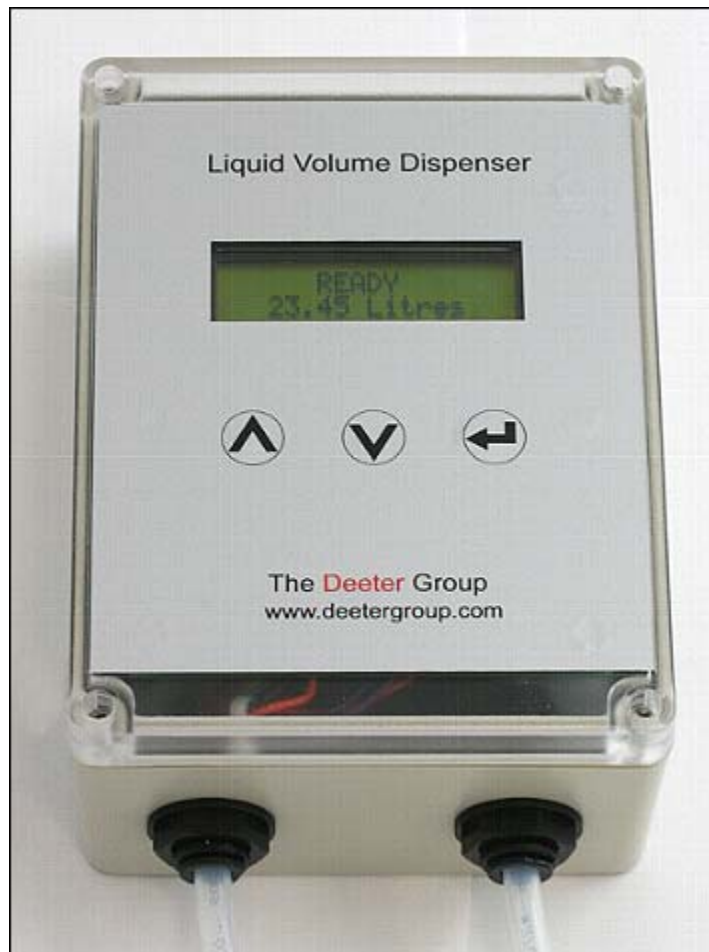


# The **DEETER** Group®



## Liquid Volume Dispenser



The Liquid Volume Dispenser will deliver a measured volume of liquid at the press of a button. The operator selects a volume, presses a button and the Liquid Volume Dispenser delivers the required volume without further operator intervention.

The volume is easy to select and is retained in non-volatile memory for repeat operation. Volumes between 0.10 litres and 100.00 litres can be selected in increments of 0.01 litres. The Dispenser will accurately measure volumes over a flow rate range of between 0.6 litres/minute and 5 litres/minute.

The Liquid Volume Dispenser has two John Guest Speedfit® push-fit connectors for fluid in and out. These take a tube with outside diameter of 8mm. Wetted surfaces are nylon, PTFE, Buna and acetal, making the Liquid Volume Dispenser suitable for a wide range of fluids.

### **DEETER ELECTRONICS LTD**

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## Liquid Volume Dispenser

Operator controls consist of a three-button keypad and a liquid crystal display. The display shows the selected volume and progress during dispensing. A number of additional features are available through the keypad, including pause and restart during dispensing, cancelling dispensing, and manual 'top-up' control.

An audio 'beep' options is provided to indicate when dispensing has stopped. Another audio option will produce 'beeps' if the flow rate is outside the limits for accurate volume measurement. These audio options can be enabled or disabled through a display menu and are save to non-volatile memory, so are restored to the operator's preference after power-up.

The Liquid Volume Dispenser is powered by a low-voltage supply, making it safe to use if liquid is spilt. A 12VDC mains socket adapter is supplied with each Dispenser.

### Specification

<b>Dimensions</b>	175mm x 125mm x 78mm	<b>Power supply</b>	10-15VDC @ 500mA 12VDC mains socket adapter supplied
<b>Dispense Volume Accuracy</b>	-3%, +0% over flow rate range <sup>(1)</sup>	<b>Flow Rate Range</b>	0.6 – 5.0 litres per minute
<b>Fluid Connections</b>	8mm OD, push-fit	<b>Fluid Temperature Range</b>	+1C to +65C <sup>(2)</sup>
		<b>Suitable Tube Materials <sup>(3)</sup></b>	Polyethylene, nylon, polyurethane, brass, copper, mild steel

<sup>(1)</sup> Potable water at 10C

<sup>(2)</sup> Potable water

<sup>(3)</sup> For soft or thin-walled tubing, tube inserts should be used

### Ordering Information

Description	Ordering Code
Liquid Volume Dispenser	DE012-0117

Deeter Electronics Ltd follows a policy of continual development of its products and reserves the right to change specifications and / or features without notice

liquid\_dispenser\_datasheet\_uk.pdf V1.00

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