



**Australian Government**  

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**National Measurement  
Institute**

Bradfield Road, West Lindfield NSW 2070

**Cancellation**  
**Certificate of Approval No 4/5/19**

Issued by the Chief Metrologist under Regulation 60  
of the  
*National Measurement Regulations 1999*

This is to certify that the approval for use for trade granted in approval 4/5/19 in  
respect of the

Quantor Model B Spirit Dispenser

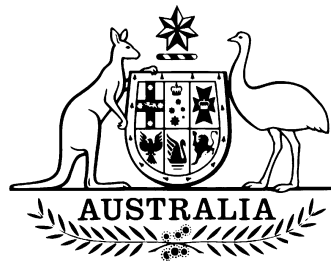
submitted by Quantor Diplex Limited  
190 Clarence Gate Gardens  
London NW1 6AD  
United Kingdom

has been cancelled in respect of new instruments as from 1 December 2006.

Signed by a person authorised by the Chief Metrologist  
to exercise his powers under Regulation 60 of the  
*National Measurement Regulations 1999*.

A handwritten signature in black ink, appearing to be 'J. G. T.', written in a cursive style.

4/5/19  
29 January 2001



## **National Standards Commission**

12 Lyonpark Road, North Ryde NSW

### **Certificate of Approval**

**No 4/5/19**

Issued under Regulation 60  
of the  
National Measurement Regulations 1999

This is to certify that an approval for use for trade has been granted in respect of the

Quantor Model B Spirit Dispenser

submitted by Quantor Diplex Limited  
190 Clarence Gate Gardens  
London NW1 6AD  
United Kingdom.

**NOTE:** This Certificate relates to the suitability of the pattern of the instrument for use for trade only in respect of its metrological characteristics. This Certificate does not constitute or imply any guarantee of compliance by the manufacturer or any other person with any requirements regarding safety.

### CONDITIONS OF APPROVAL

This approval becomes subject to review on 1 December 2005, and then every 5 years thereafter.

Instruments purporting to comply with this approval shall be marked NSC No 4/5/19 and only by persons authorised by the submitter.

It is the submitter's responsibility to ensure that all instruments marked with this approval number are constructed as described in the documentation lodged with the Commission and with the relevant Certificate of Approval and Technical Schedule. Failure to comply with this Condition may attract penalties under Section 19B of the National Measurement Act and may result in cancellation or withdrawal of the approval, in accordance with the Commission's Document NSC P 106.

The Commission reserves the right to examine any instrument or component of an instrument purporting to comply with this approval.

### DESCRIPTIVE ADVICE

**Pattern:** approved 15 November 2000

- A Quantor model B bottle-mounted spirit dispenser of 30 mL capacity.

**Variant:** approved 15 November 2000

1. Of 15 mL capacity.

Technical Schedule No 4/5/19 describes the pattern and variant 1.

### FILING ADVICE

The documentation for this approval comprises:

Certificate of Approval No 4/5/19 dated 29 January 2001  
Technical Schedule No 4/5/19 dated 29 January 2001 (incl. Test Procedure)  
Figures 1 and 2 dated 29 January 2001

Signed by a person authorised under Regulation 60 of the National Measurement Regulations 1999 to exercise the powers and functions of the Commission under this Regulation.



## TECHNICAL SCHEDULE No 4/5/19

**Pattern:** Quantor Model B Spirit Dispenser.


**Submittor:** Quantor Diplex Limited  
190 Clarence Gate Gardens  
London NW1 6AD  
United Kingdom.

### 1. Description of Pattern

The pattern is a Quantor model B single-delivery bottle-mounted spirit dispenser (Figure 1) for the dispensing of 30 mL of approved spirits.

#### 1.1 Field of Operation

The field of operation of the spirit dispenser is determined by the following characteristics:

- Pour size 30 L 
- Ambient temperature range 5 to 40 °C
- Approved spirits are brandy (including cognac and armagnac), gin, rum, vodka, whisky (whiskey), Southern Comfort, and Tequila.

#### 1.2 Operation

The pattern (Figure 2) consists of two measuring chambers, each with an inlet port and an outlet port which are alternately (but simultaneously) opened and closed by the corresponding spring-loaded poppet valve each time the dispensing lever is activated. As the dispensing lever is activated, the top poppet valve in one chamber opens and the bottom poppet valve closes allowing the chamber to be filled; simultaneously the bottom poppet valve of the other chamber opens and the top poppet valve closes allowing a delivery to be made. A float-operated non-return valve situated in the neck of the dispenser prevents the operation of the lever unless the measuring chamber is completely full.

#### 1.3 Markings

The pattern is clearly and permanently marked '30 mL'. In addition, the instrument is clearly marked, either on a permanently attached nameplate, or as part of the instrument, with the following information:

Manufacturer's mark, or name written in full	Quantor Diplex Limited
Serial number of the instrument	.....
Pattern approval mark for the instrument	NSC No 4/5/19
Quantity	..... mL

#### 1.4 Verification/Certification Provision

Provision is made for a verification/certification mark to be applied.

### **1.5 Sealing Provision**

No sealing is required as calibration settings are pre-set during manufacture and are not adjustable in the field.

## **2. Description of Variant 1**

Of 15 mL capacity (Figure 1).

### **TEST PROCEDURE**

Instruments should be tested in conjunction with any relevant tests specified in the Inspector's Handbook.

#### **Maximum Permissible Error at Verification/Certification**

The maximum permissible errors applied at verification/certification are:

- ±0.6 mL for deliveries of 15 mL; and
- ±1.0 mL for deliveries of 30 mL.

4/5/19  
29 January 2001

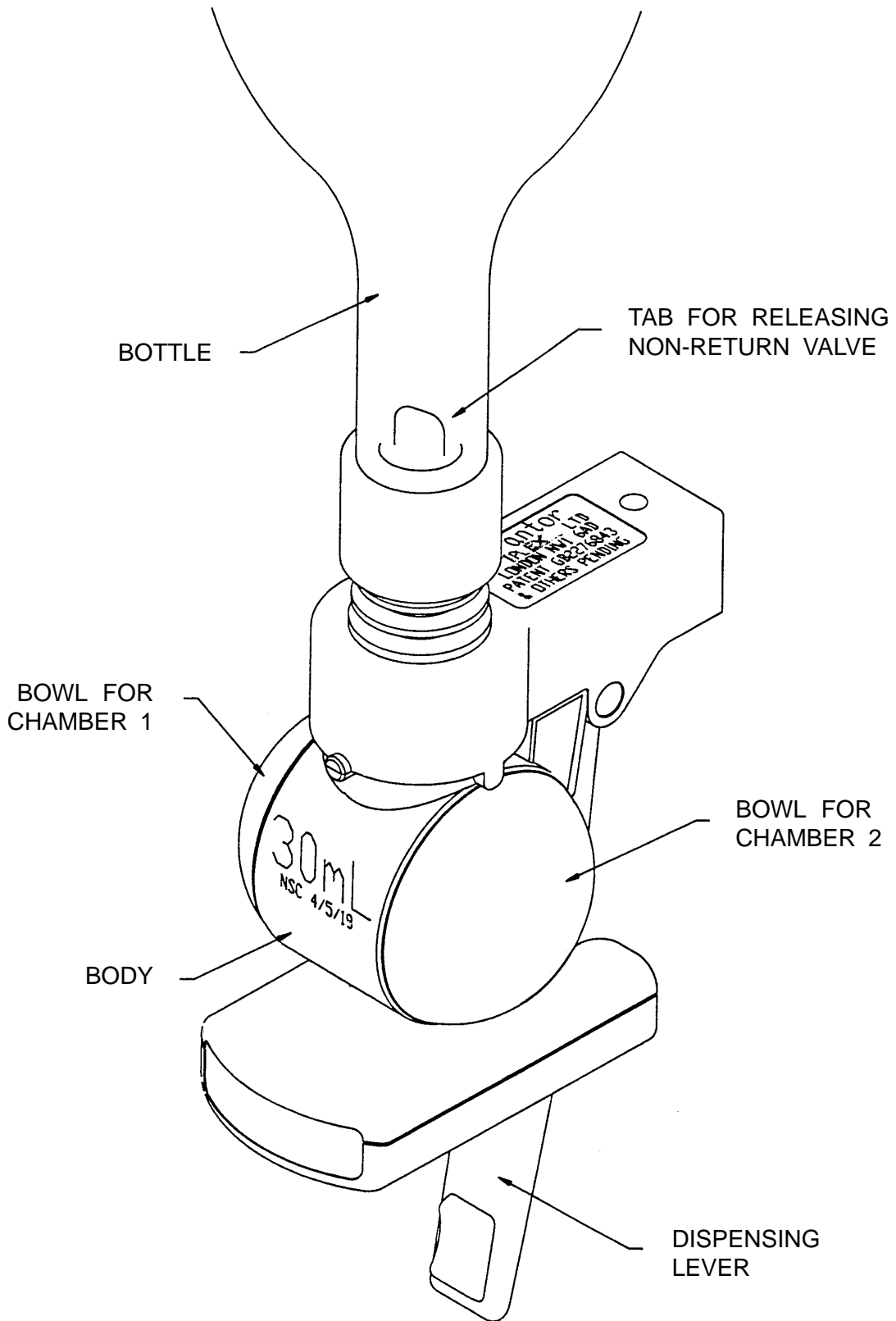
FIGURE 4/5/19 - 1



Quantor Model B Spirit Dispenser

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FIGURE 4/5/19 - 2



Quantor Model B Spirit Dispenser