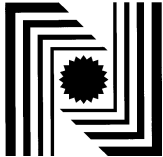
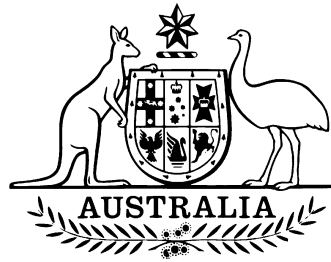


5/6S/7
14 November 2001



National Standards Commission

12 Lyonpark Road, North Ryde NSW

Cancellation Certificate of Approval

No 5/6S/7

Issued under Regulation 60
of the
National Measurement Regulations 1999

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

Wunder Bar Model WB-6L-2-MR-111 Remote-storage Spirit Dispenser

submitted by Lancer Pacific Industries Pty Ltd
5 Toogood Avenue
Beverley SA 5009

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



National Standards Commission



Certificate of Approval

No 5/6S/7

Issued under Regulation 9
of the
National Measurement (Patterns of Measuring Instruments) Regulations

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

Wunder Bar Model WB-6L-2-MR-111 Remote-storage Spirit Dispenser

submitted by Glenn Pleass Industries Pty Ltd
 5 Toogood Avenue
 Beverley SA 5009.

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 September 2001, and then every 5 years thereafter.

Instruments purporting to comply with this approval shall be marked NSC No5/6S/7 and only by persons authorised by the submittor.

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 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 26 August 1996

- A Wunder Bar model WB-6L-2-MR-111 remote-storage spirit dispenser.

Technical Schedule No 5/6S/7 describes the pattern.

FILING ADVICE

The documentation for this approval comprises:

Certificate of Approval No 5/6S/7 dated 4 April 1997

Technical Schedule No 5/6S/7 dated 4 April 1997 (including Test Procedure)

Figures 1 to 6 dated 4 April 1997

Signed and sealed by a person authorised under Regulation 9 of the National Measurement (Patterns of Measuring Instruments) Regulations to exercise the powers and functions of the Commission under this Regulation.

National Standards Commission

TECHNICAL SCHEDULE No 5/6S/7

Pattern: Wunder Bar Model WB-6L-2-MR-111 Remote-storage Spirit Dispenser.

Submitter: Glenn Pleass Industries Pty Ltd
5 Toogood Avenue
Beverley SA 5009

1. Description of Pattern

A Wunder Bar model WB-6L-2-MR-111 remote-storage spirit dispenser approved to deliver brandy (including cognac and armagnac), gin, rum, vodka or whisky (whiskey) in quantities of 30mL.

1.1 The System (Figures 1 and 2)

The system consists of the following:

- Non-pressurised bulk containers which gravity feed spirit to pressure vessels which are pressurised by a bottled gas system including low pressure control switches maintaining a pressure of between 140kPa and 550kPa. The spirit supply line has a check valve which prevents pressurised spirit from returning to the bulk container. Each bulk container may supply more than one pressure vessel.
- Pressure vessels, one for each spirit, fitted with two conductivity probes which sense the spirit level and render the system inoperable if the liquid falls below a critical level (Figure 2). The pressure vessel pumps spirit when activated by a 3-way solenoid-operated valve which is controlled by the Master Logic Unit.
- The Master Logic Unit (Figure 3), a micro-processor based unit which communicates with the up to eight Pour Stations (Figure 4).
- One or more control boxes (Figures 1 and 2). Spirit from the pressure vessel passes through a control box housing 2-way solenoid-operated valves and ceramic flow control regulators, one for each spirit for each dispenser.

- One or more Pour Stations (Figure 4). When the appropriate button on the dispensing head is pressed, the relevant Pour Station activates the appropriate 2-way solenoid-operated valve in the control box. The Pour Station relays this information to the Master Logic Unit. Each Pour station may supply up to three hand-held dispensing heads.
- One or more electrically-controlled hand-held multi-outlet dispensing head (Figure 5) fitted with a tri-coloured LED or similar indicating system.
- An indicator located in a position clearly visible to the purchaser (Figure 6). The indicator shows the pour size and the type of spirit being dispensed.

1.2 Operation

A full quantity of spirit is measured when a button on the dispensing head is pressed. A delivery once started cannot be stopped by the operator and all buttons are rendered inoperative throughout this cycle. A further delivery cannot be started until the cycle is complete, indicated by the LED on the dispensing head showing as green.

At the commencement of the delivery cycle, which is initiated by pressing a button on the dispensing head, the 2-way solenoid-operated valve in the dispensing line (located in a control box) is opened. At the same time the 3-way solenoid-operated valve in the supply line is opened allowing the gas pressure to displace pressurised spirit from the pressure vessel. At the conclusion of dispensing, non-pressurised spirit from the bulk supply enters the pressure vessel.

1.3 Markings

- (a) Instruments are marked with the following, together in a prominent position:

Manufacturer's mark, or name written in full
Serial number of the instrument
Pattern approval mark for the instrument NSC No 5/6S/7

- (b) In addition the indicator is marked with the following, clearly visible to the purchaser:

Pour size for which the instrument is verified mL
The type of spirit being dispensed

Each pressure vessel/metering pump is also marked with the above information corresponding to the spirit it is supplying.

1.4 Verification/Certification Provision

Provision is made for the application of a verification/certification mark.

1.5 Sealing Provision

Provision is made for the calibration adjustments to be sealed by means of a lead-and-wire (or similar) seal and the sealing screws provided on the front panel of the Master Logic Unit.

TEST PROCEDURE

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

Maximum Permissible Error at Verification/Certification

The maximum permissible error applied during a verification/certification test is:

± 1.0 mL for deliveries of 30 mL.

1. Delivery Completion Test

Whilst a delivery is being made, press the same operating button on the dispensing head a second time; no further delivery should take place until the initial delivery is completed.

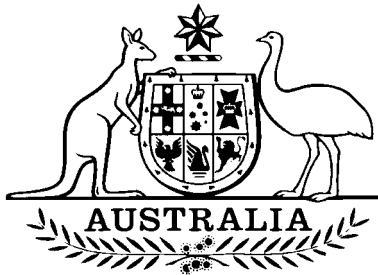
2. Low-level Cut-out Test

Disconnect one of the wires to the low-level sensor conductivity probes on the pressure vessel. This opens the circuit and renders delivery of spirit from that pressure vessel inoperative.

3. Calibration Check

With the calibration switch sealed, ensure that the buttons marked 'O' and 'U' on the dispensing head are inoperative.

National Standards Commission



Notification of Change Certificate of Approval No 5/6S/7 Change No 1

The following change is made to the approval documentation for the

Wunder Bar Model WB-6L-2-MR-111 Remote-storage Spirit Dispenser

submitted by Glenn Pleass Industries Pty Ltd
5 Toogood Avenue
Beverley SA 5009.

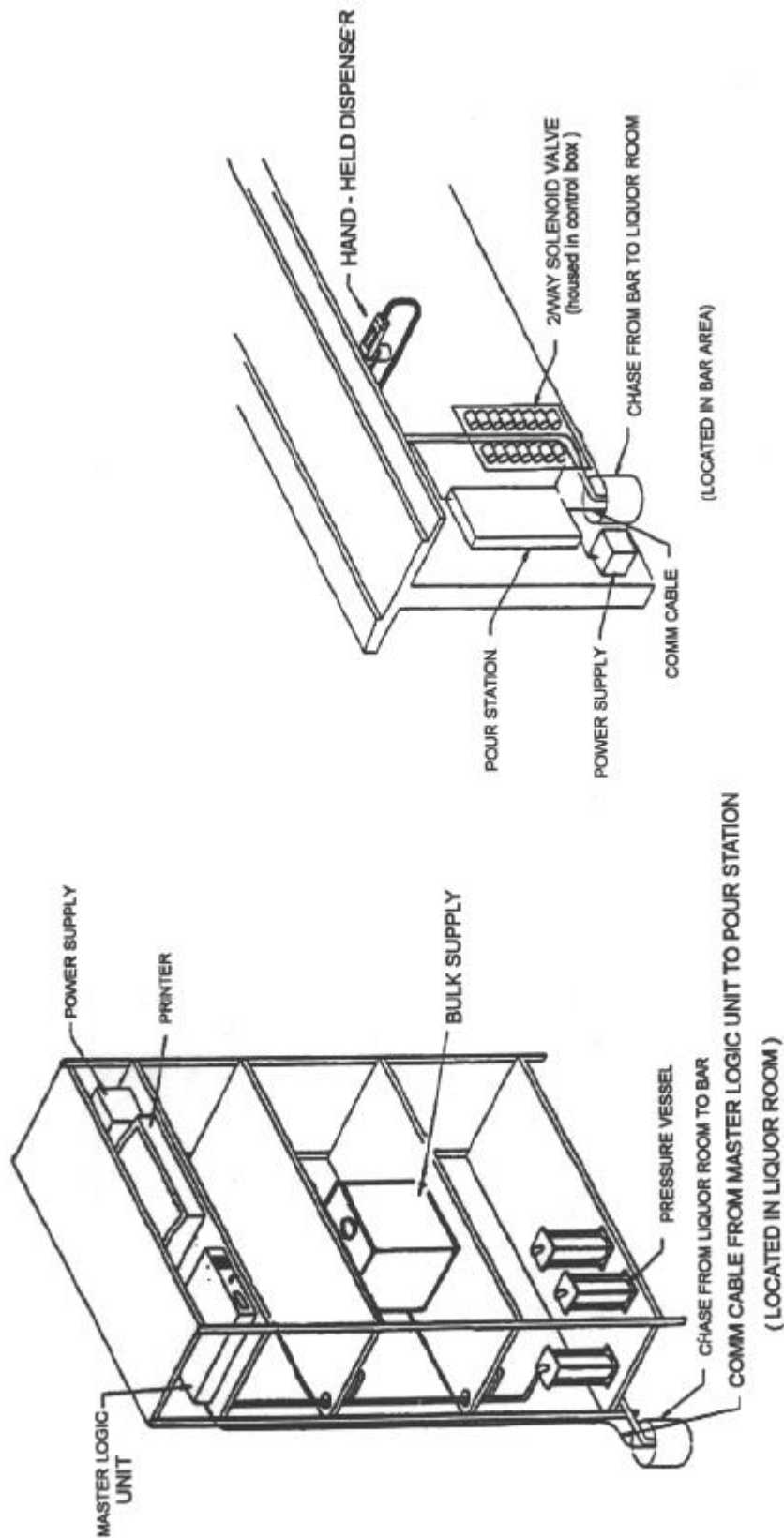
In Certificate of Approval No 5/6S/7 and its Technical Schedule both dated 4 April 1997, all references to the submitter should be amended to read:

“Lancer Pacific Industries Pty Ltd”

Signed and sealed by a person authorised under Regulation 9 of the National Measurement (Patterns of Measuring Instruments) Regulations to exercise the powers and functions of the Commission under this Regulation.

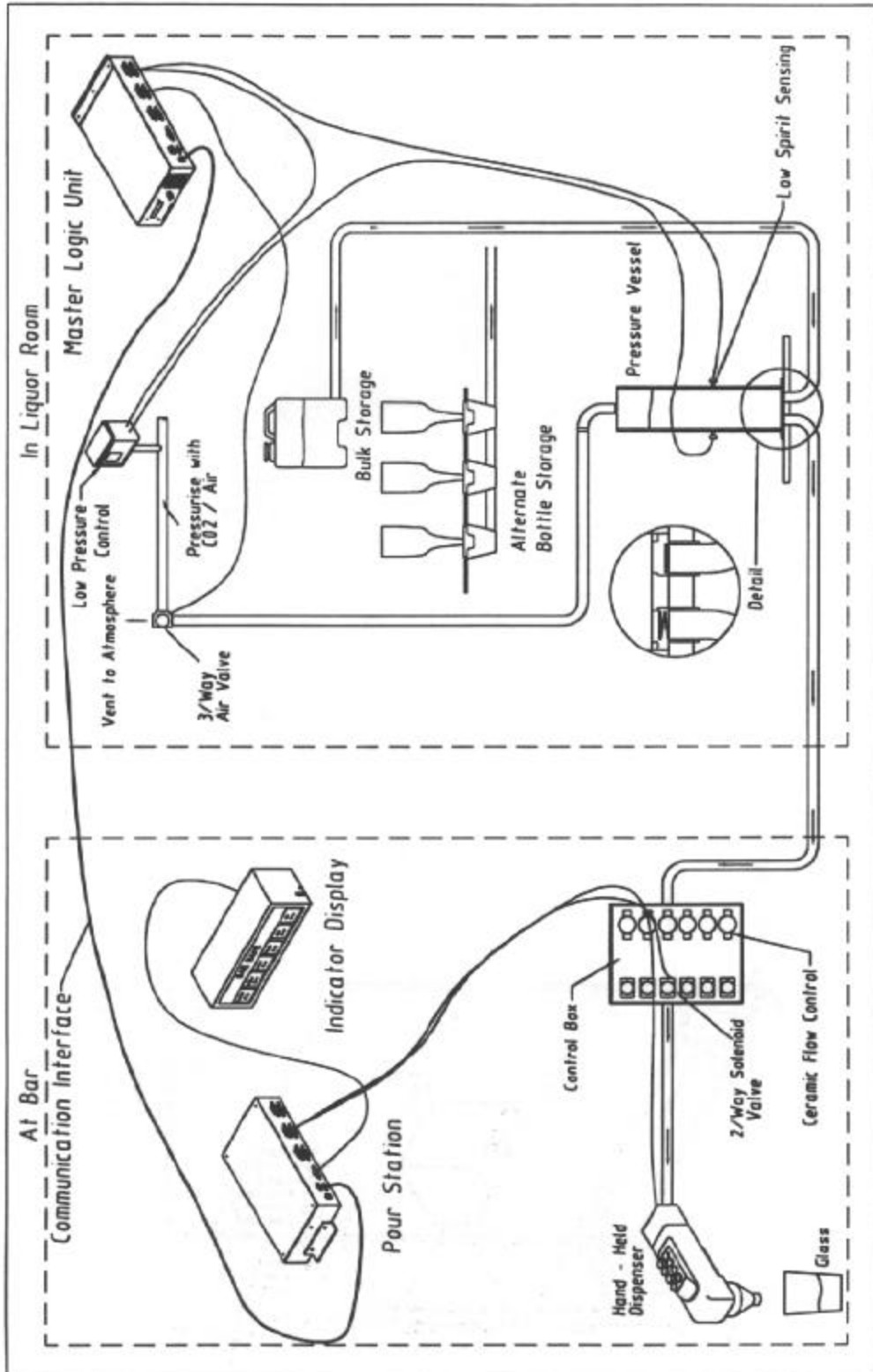
A handwritten signature in black ink, appearing to read 'J. Bush'. The signature is written in a cursive style with a large initial 'J'.

FIGURE 5/6S/7 - 1



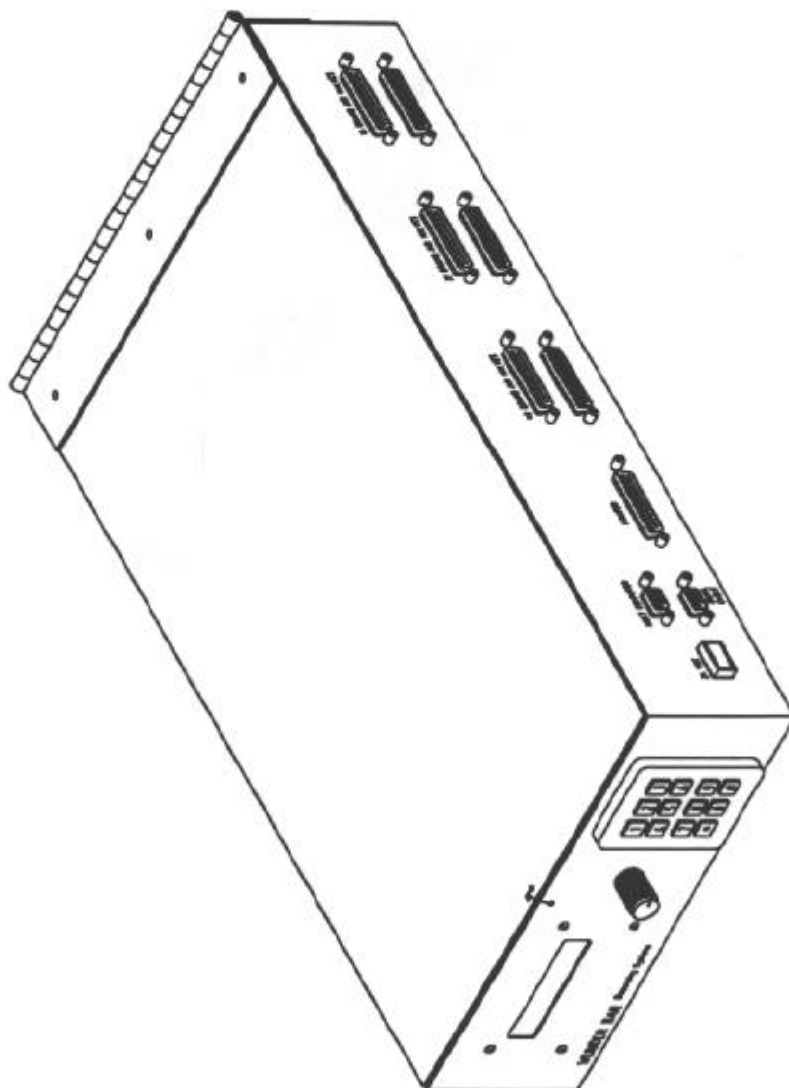
Wunder Bar Model WB-6L-2-MR-111 Spirit Dispensing System

FIGURE 5/6S/7 - 2



Wunder Bar Model WB-6L-2-MR-111 Spirit Dispensing System

FIGURE 5/6S/7 - 3



Wunder Bar Master Logic Unit

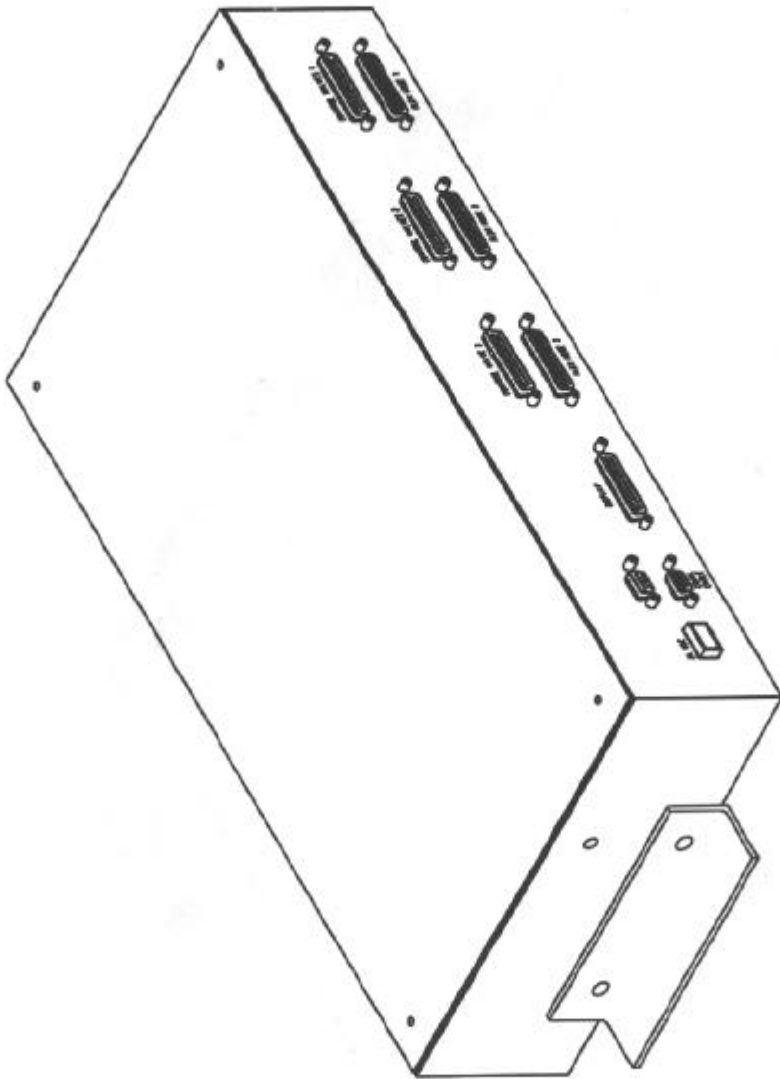
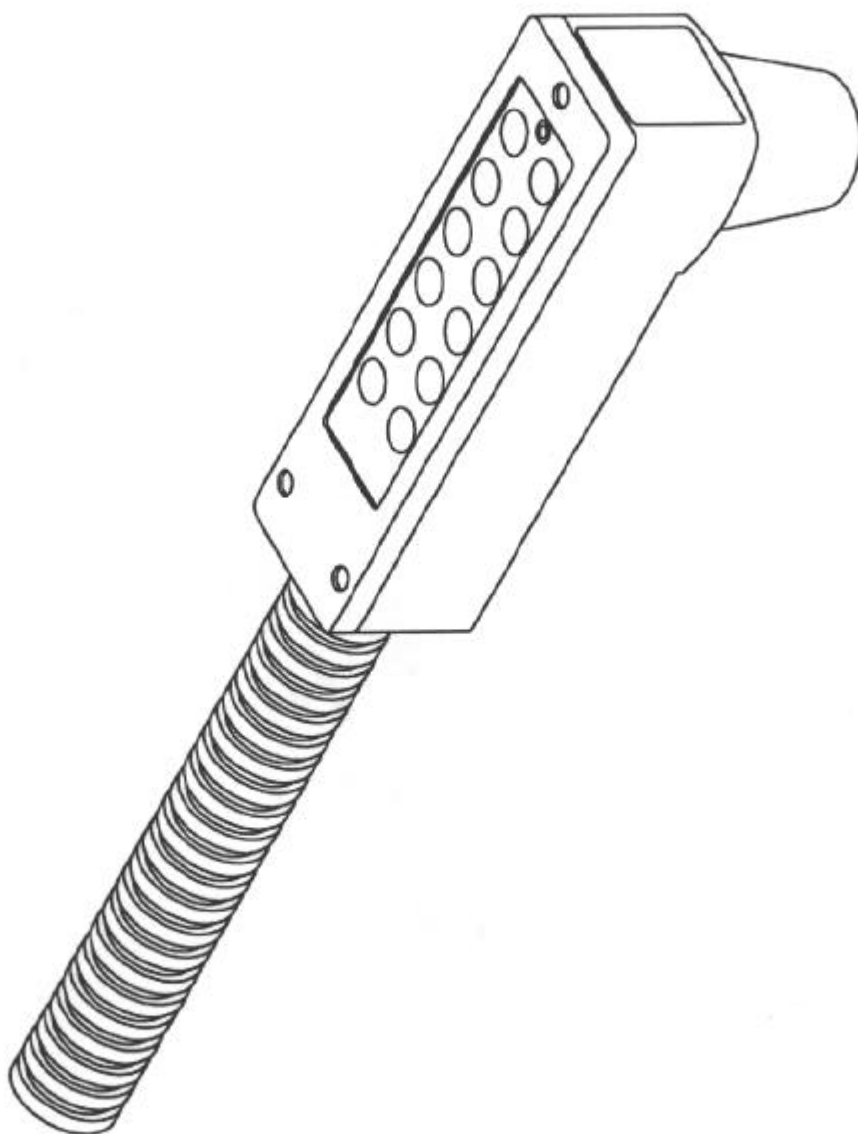


FIGURE 5/6S/7 - 4

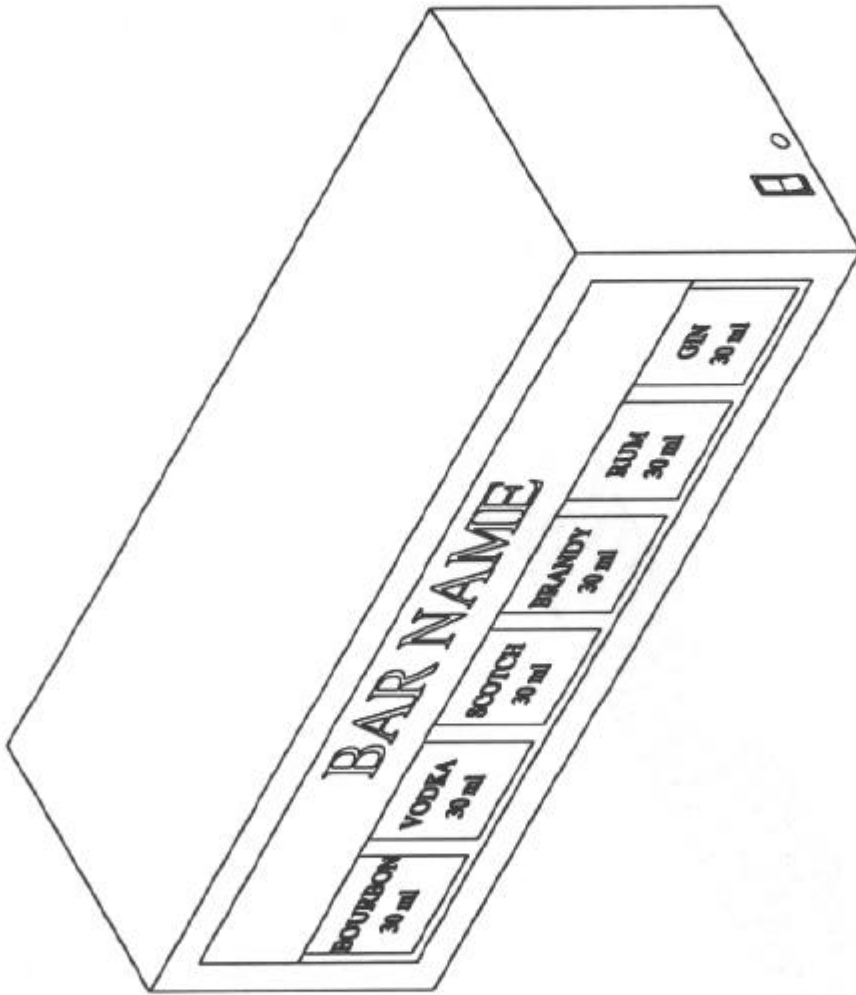
Wunder Bar Pour Station

FIGURE 5/6S/7 - 5



Wunder BarHand-held Dispensing Head

FIGURE 5/6S/7 - 6



Wunder Bar Indicator