

CERTIFICATE OF APPROVAL No 5/6A/101
VARIATION No 2

This is to certify that the following modifications of the patterns of the

Epex Driveway Flowmeters

approved in Certificate of Approval No 5/6A/101 dated 19 June 1975 and subsequent variations

have been approved under the Weights and Measures (Patterns of Instruments) Regulations as being suitable for use for trade.

Date of Approval: 26 January 1978

The approved modifications, described in Technical Schedule No 5/6A/101 - Variation No 2 and in drawings and specifications lodged with the Commission, provide for:

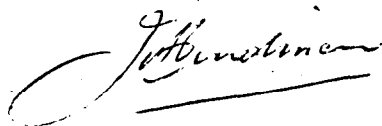
1. a notice advising the users of the price-computing limitations of the 3-wheel counter-section Veeder-Root computers; and
2. a 4-wheel counter-section Veeder-Root computer.

The approval of the driveway flowmeters -

1. with 3-wheel counter-section computers will expire on 1 January 1980; and
2. with 4-wheel counter-section computers will expire on 1 January 1983.

All instruments conforming to this approval shall be marked with the approval number "NSC No 5/6A/101".

Signed



Acting Executive Officer

5/5/78

CANCELLED



NATIONAL STANDARDS COMMISSION

CERTIFICATE OF APPROVAL No 5/6A/101

Approved: Epex Driveway Flowmeters

This is to certify that the patterns of the Epex driveway flowmeters listed in Table 1 have been approved under the Weights and Measures (Patterns of Instruments) Regulations as being suitable for use for trade when converted to read in metric units in accordance with Appendix 14 of the General Specifications for Measuring Instruments to be Used for Trade.

Date of Approval: 24 April 1975

Conditions of Approval:

This approval is subject to review on or after 31 December 1975 to determine the extent to which the patterns may need to be modified to comply with the Commission's pattern approval requirements at the date of review.

All instruments conforming to this approval shall be marked "NSC No 5/6A/101".

Description of Pattern:

The patterns are illustrated in Figures 1 to 19. They may be identified by reference to these figures and to the State and Commission approvals listed in Table 1.

TABLE 1

Model	NSW	Victoria	SA	WA	NSC	Figure
HS-MP1	251	641	203		5/6A/19	1
EP/RCP		355				2
EP/RMP		381, 570, 639				2
SS/VR)		320, 328, 461				3
SS/VRA)		555, 564, 578, 606				
670-0					5/6A/6	4
670-80					5/6A/6	
694-0					5/6A/7	5
694-1					5/6A/12	5
694-80					5/6A/7	6
695-0					5/6A/7	7
696-0					5/6A/7	8

The approval includes the following computers:

Veeder-Root M36 with a maximum unit-price setting of 59,9 cents/litre (see Figure 9) or 39,9 cents/litre modified to 46,6 cents/litre (see Figure 10).

Veeder-Root M56 with a maximum unit-price setting of 59,9 cents/litre (see Figure 11).

Veeder-Root 1611 with a maximum unit-price setting of 99,9 cents/litre (see Figure 12).

Veeder-Root 1613 with a maximum unit-price setting of 99,9 cents/litre (see Figure 13). The computer may have each price and quantity wheel numbered 0 to 9 and the right-hand wheels graduated and numbered 0 to 9.

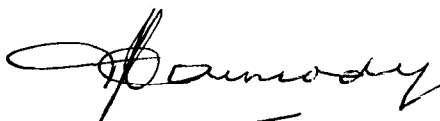
Veeder-Root 1648 and 1649, both with a maximum unit-price setting of 99,9 cents/litre (see Figure 14).

Veeder-Root VR 101 with a maximum unit-price setting of 99,9 cents/litre (see Figure 15). The pinions on the variator are topped with pinned metal shields which prevent the segmented gears being disengaged from the pinions (see Figures 16 and 17). Metal guards attached to studs on the counter section prevent the price-posting wheels from being disengaged from the segmented price-posting gears (see Figure 18).

Veeder-Root LQ 1615, a non-price-computing indicator of quantity only (see Figure 19).

- Notes: (i) The maximum speed recommended by the manufacturer for the right-hand wheel of any computer should not be exceeded.
- (ii) Computers which indicate quantity only shall have each quantity wheel numbered 0 to 9 and the right-hand wheel graduated and numbered 0 to 9.

Signed



Executive Officer



NATIONAL STANDARDS COMMISSION

TECHNICAL SCHEDULE No 5/6A/101

VARIATION No 1

Pattern: Epex Driveway Flowmeters

Date of Approval of Variation: 24 October 1975

The modification described in this Schedule applies to the patterns described in Certificate No 5/6A/101 dated 19 June 1975.

All instruments conforming to this approval shall be marked "NSC No 5/6A/101".

Description:

The modification provides for an Epex SS1 (Self-serve) coin or note-operated driveway flowmeter indicating in metric units. The instrument may be identified by reference to the following State and Commission approvals:

NSC	5/6A/17
Victoria	643

The quantity delivered is indicated by a pointer which traverses a clock-face type dial. Quantity is indicated in 0,1-litre graduations to 20 litres and total price is indicated to \$2,00 (see Figure 20). The maximum unit price is 59,9 cents per litre.



NATIONAL STANDARDS COMMISSION

TECHNICAL SCHEDULE No 5/6A/101

VARIATION No 2

Pattern: Epex Driveway Flowmeters

Date of Approval of Variation: 26 January 1978

The modifications described in this Schedule apply to the patterns described in Certificate of Approval No 5/6A/101 dated 19 June 1975 and Technical Schedule No 5/6A/101 - Variation No 1 dated 12 May 1977.

All instruments conforming to this approval shall be marked "NSC No 5/6A/101".

The approval of the driveway flowmeters -

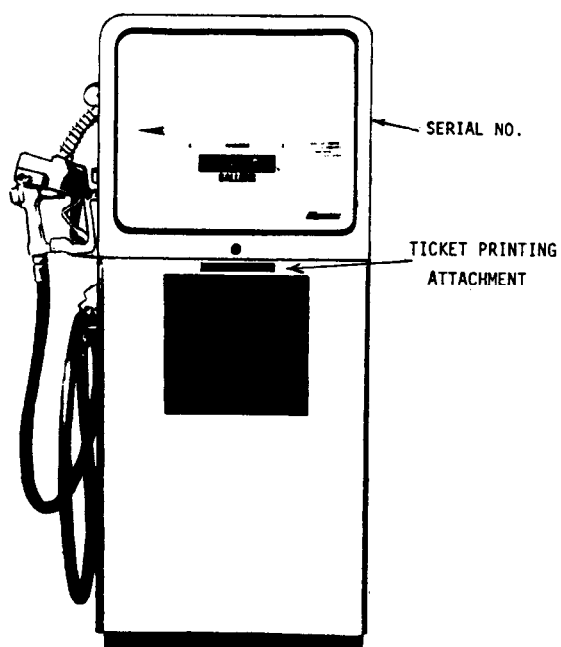
1. with 3-wheel counter-section computers will expire on 1 January 1980; and
2. with 4-wheel counter-section computers will expire on 1 January 1983.

Description:

The approved modifications provide for:

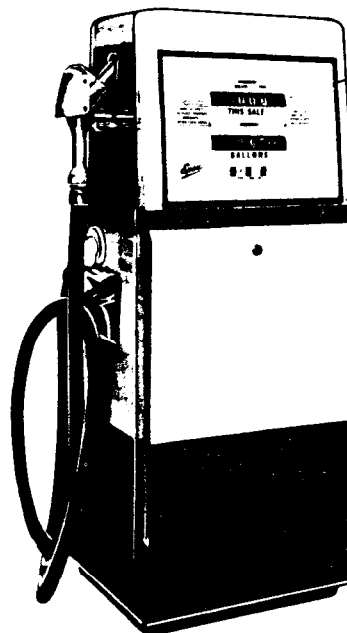
1. a notice adjacent to the quantity and price indicators on each reading face of the instrument advising the user of the price limitations of the 3-wheel counter-section computers; and
2. a 4-wheel counter-section on the Veeder-Root computer (see Figures 21, 22 and 23).

FIGURE 1



Model HS-MP1

FIGURE 2



Model EP/RCP or EP/RMP

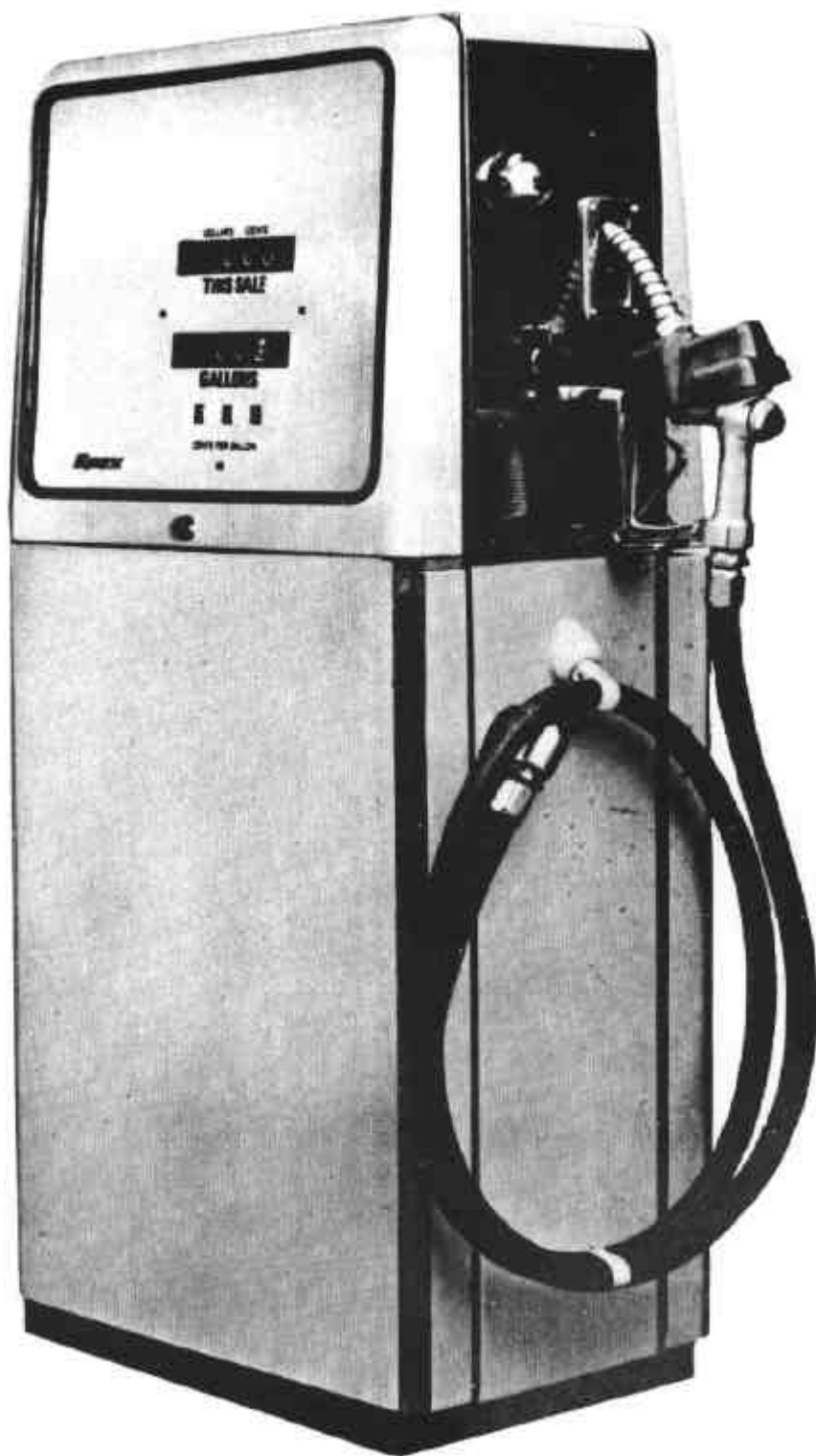
FIGURE 5/6A/101 - 3



Epex Model SS/VR

19/6/75

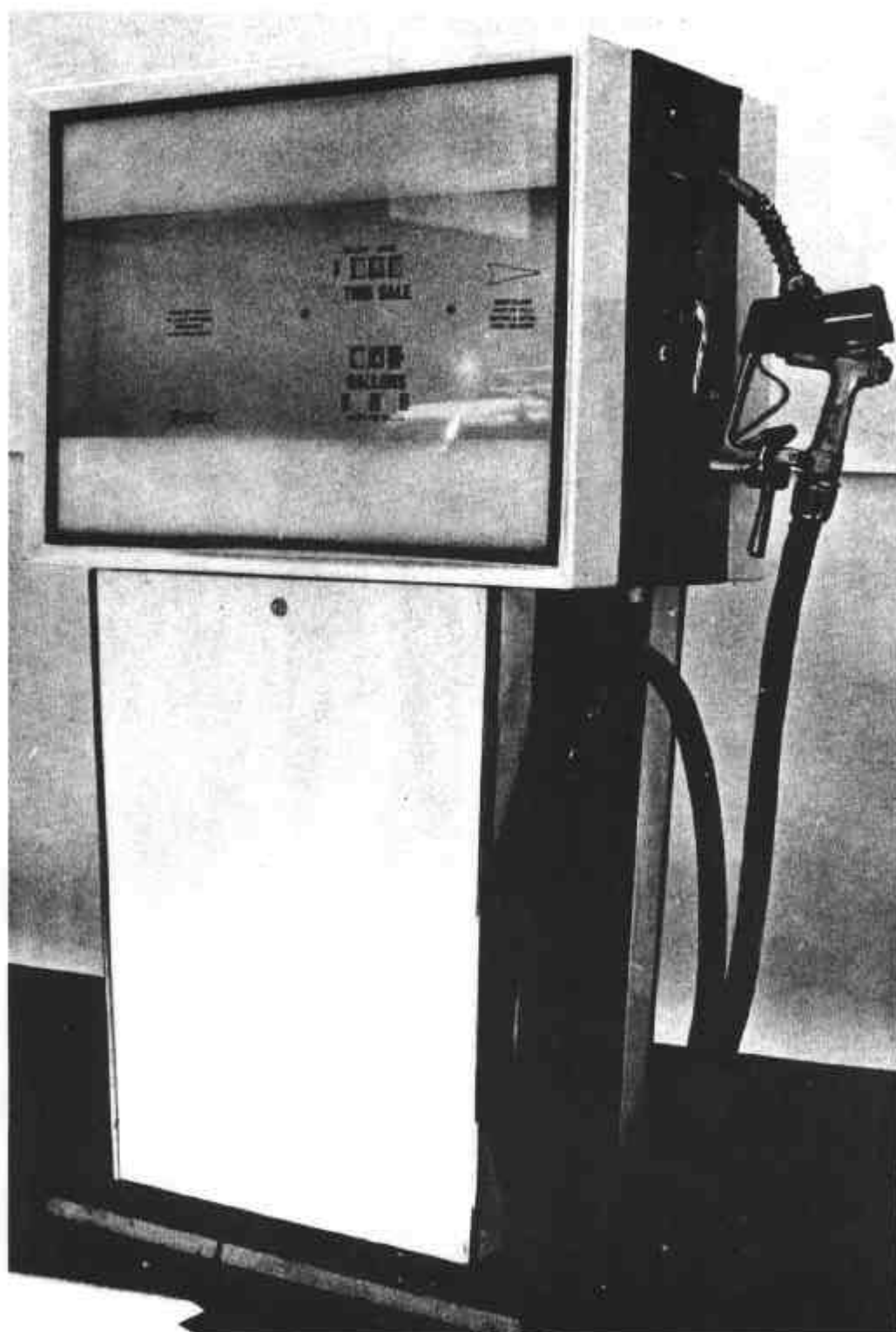
FIGURE 5/6A/101 - 4



Model 670-0

19/6/75

FIGURE 5/6A/101 - 5



Model 694-0 or Model 694-1

19/6/75

FIGURE 5/6A/101 - 6



Epex Model 694-80

19/6/75

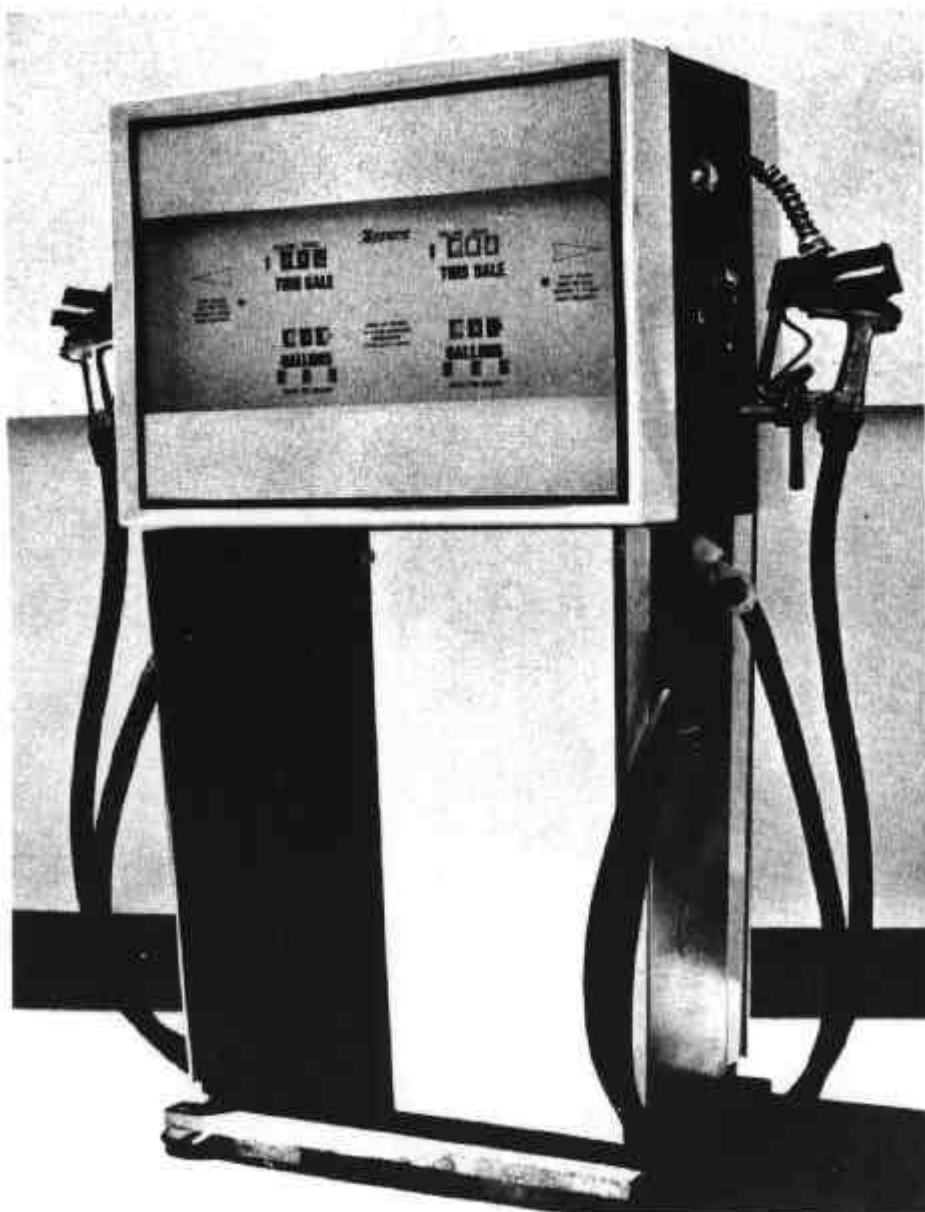
FIGURE 5/6A/101 - 7



Epex Model 695-0

19/6/75

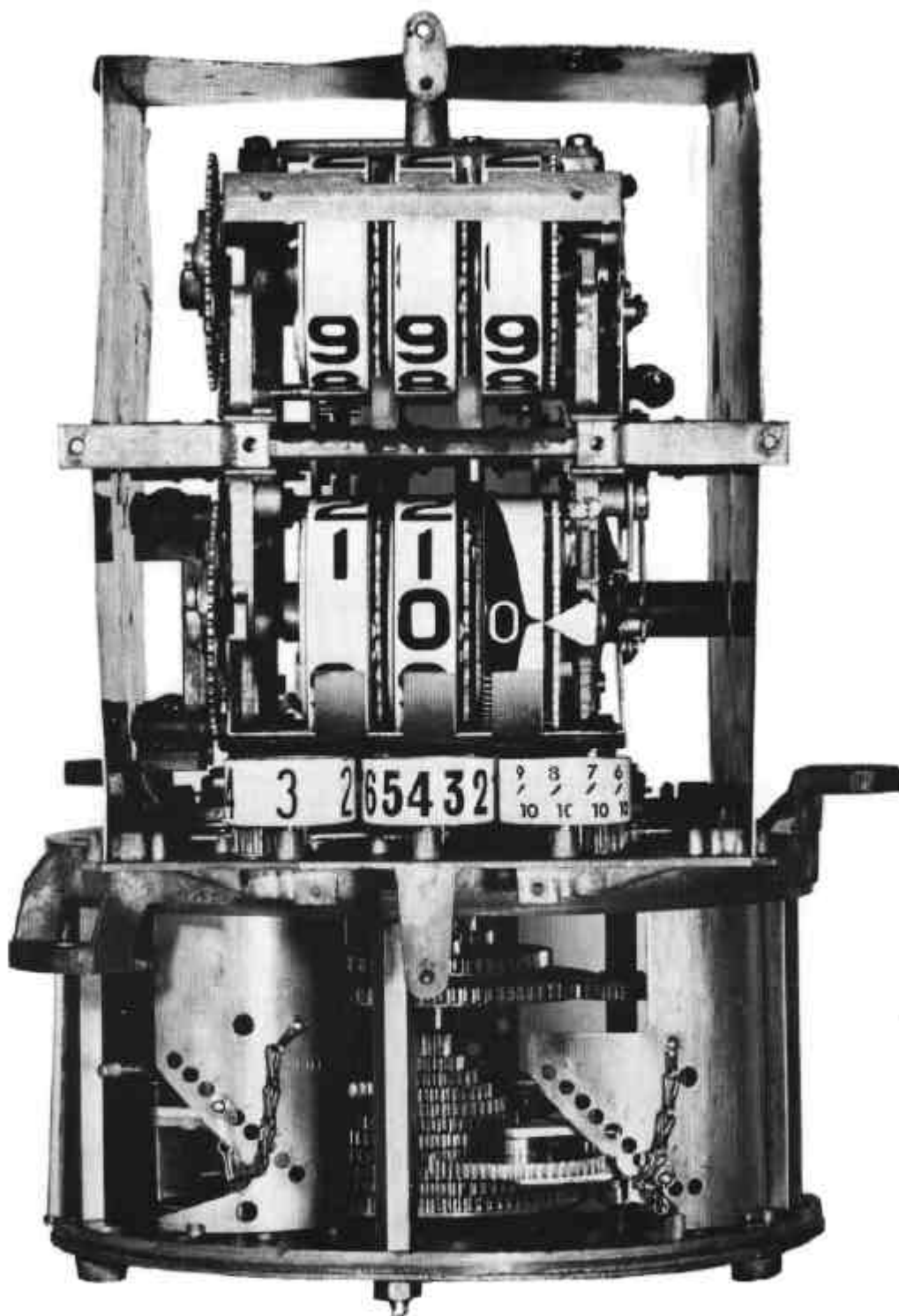
FIGURE 5/6A/101 - 8



Epex Model 696-0

19/6/75

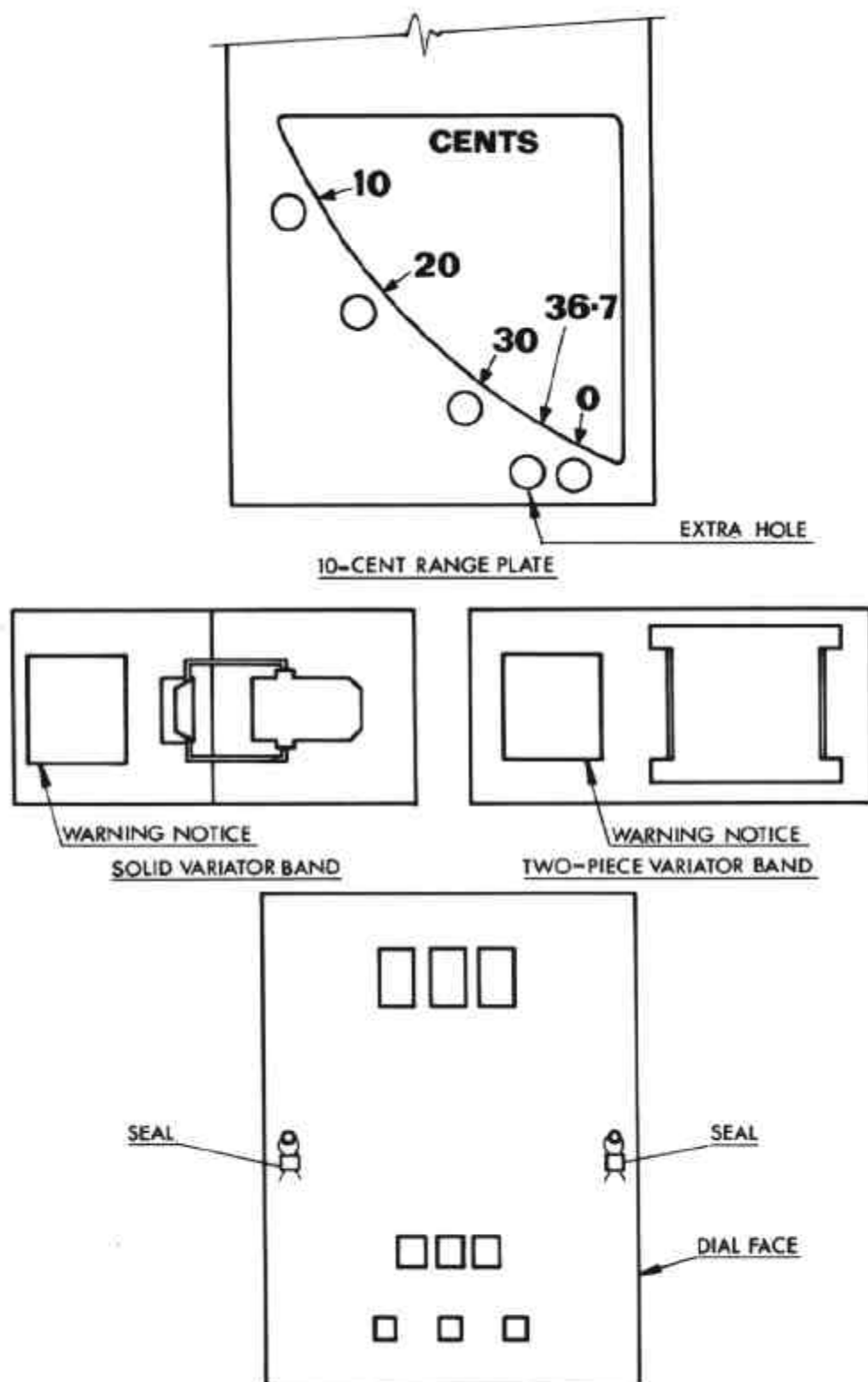
FIGURE 5/6A/101 - 9



Veeder-Root M36 Computer

19/6/75

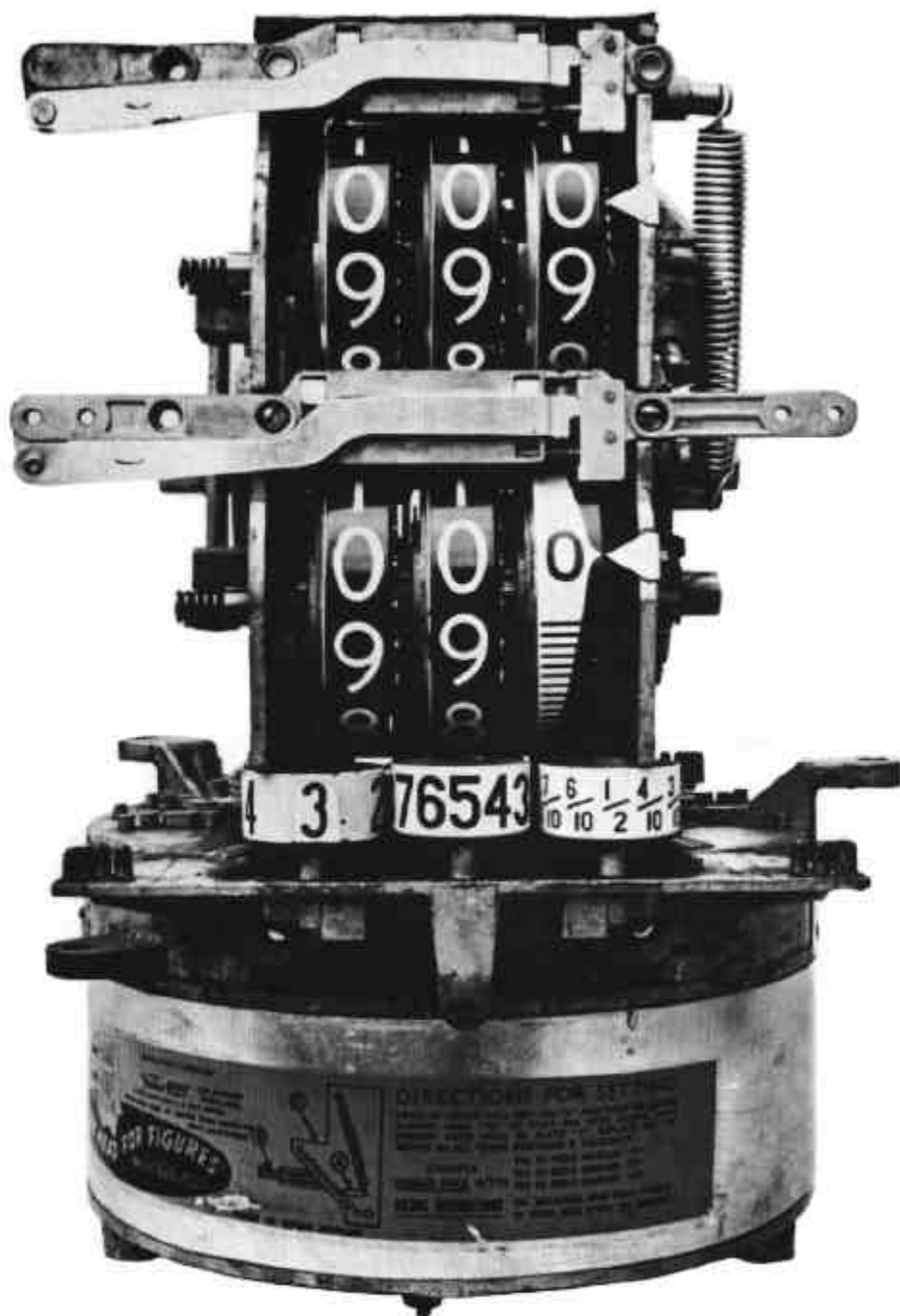
FIGURE 5/6A/101 - 10



Veeder-Root M36 Computer — Extension of
Unit Price from 39, 9 to 46, 6 cents/litre

19/6/75

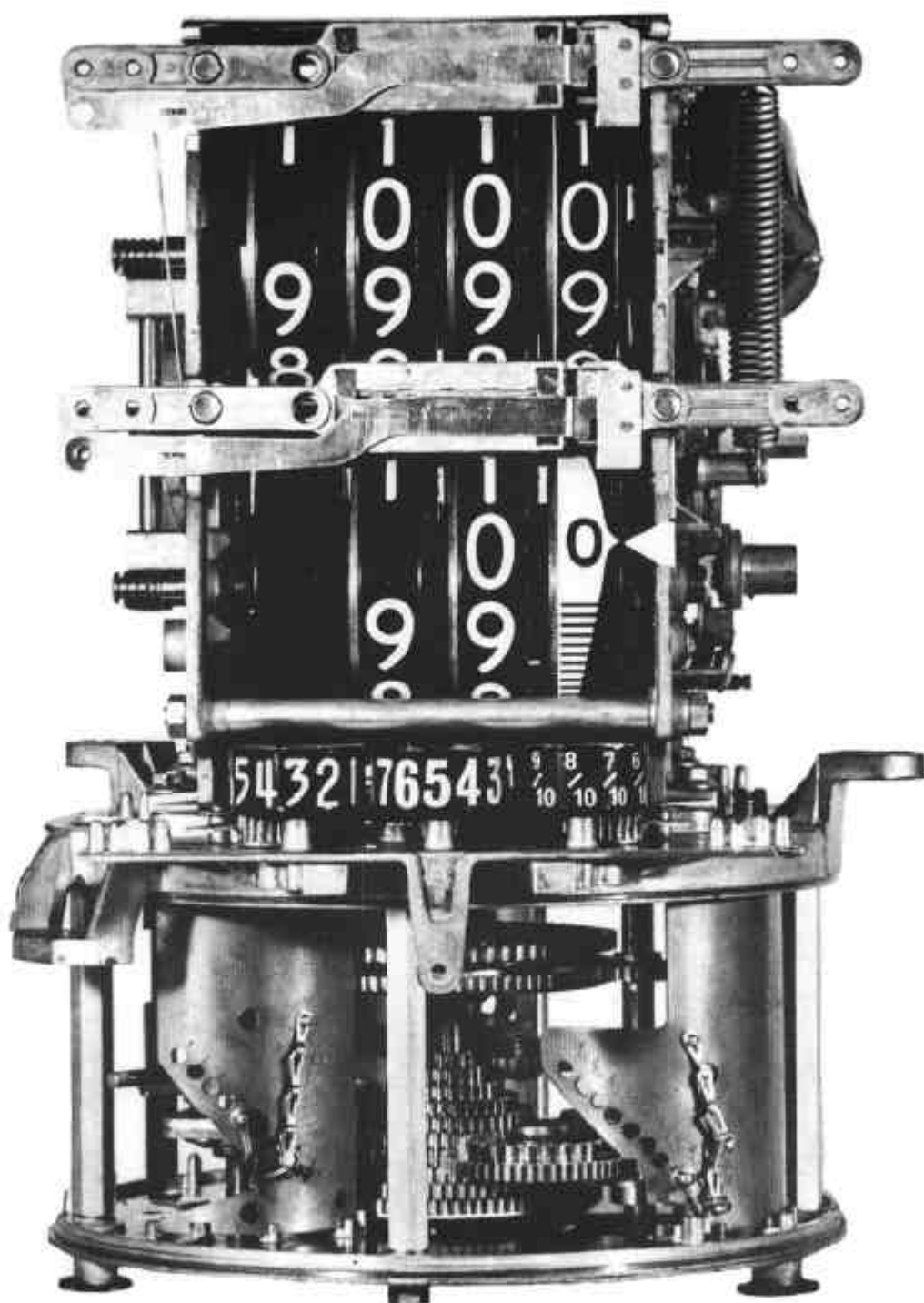
FIGURE 5/6A/101 - 11



Veeder-Root M56 Computer

19/6/75

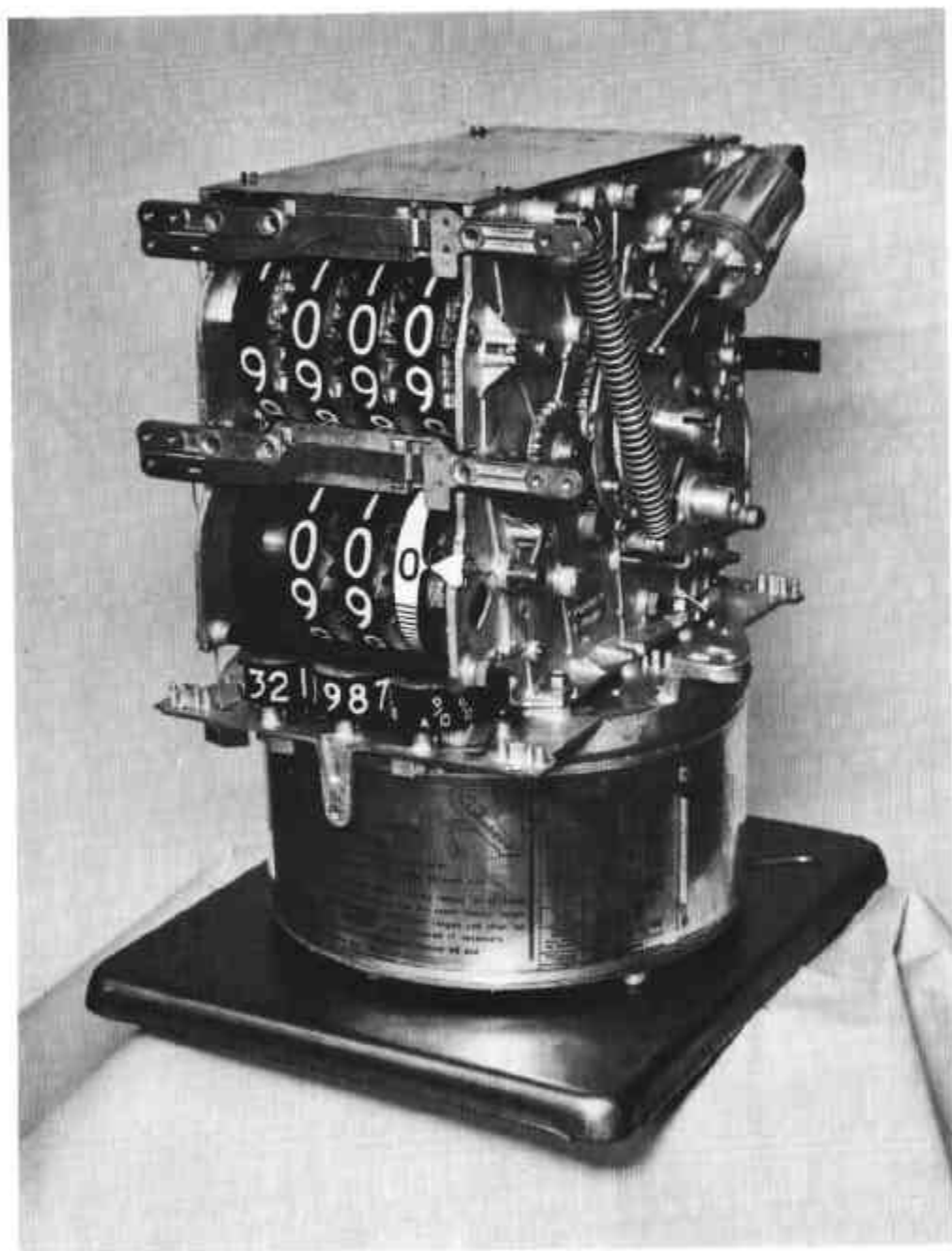
FIGURE 5/6A/101 - 12



Veeder-Root 1611 Computer

19/6/75

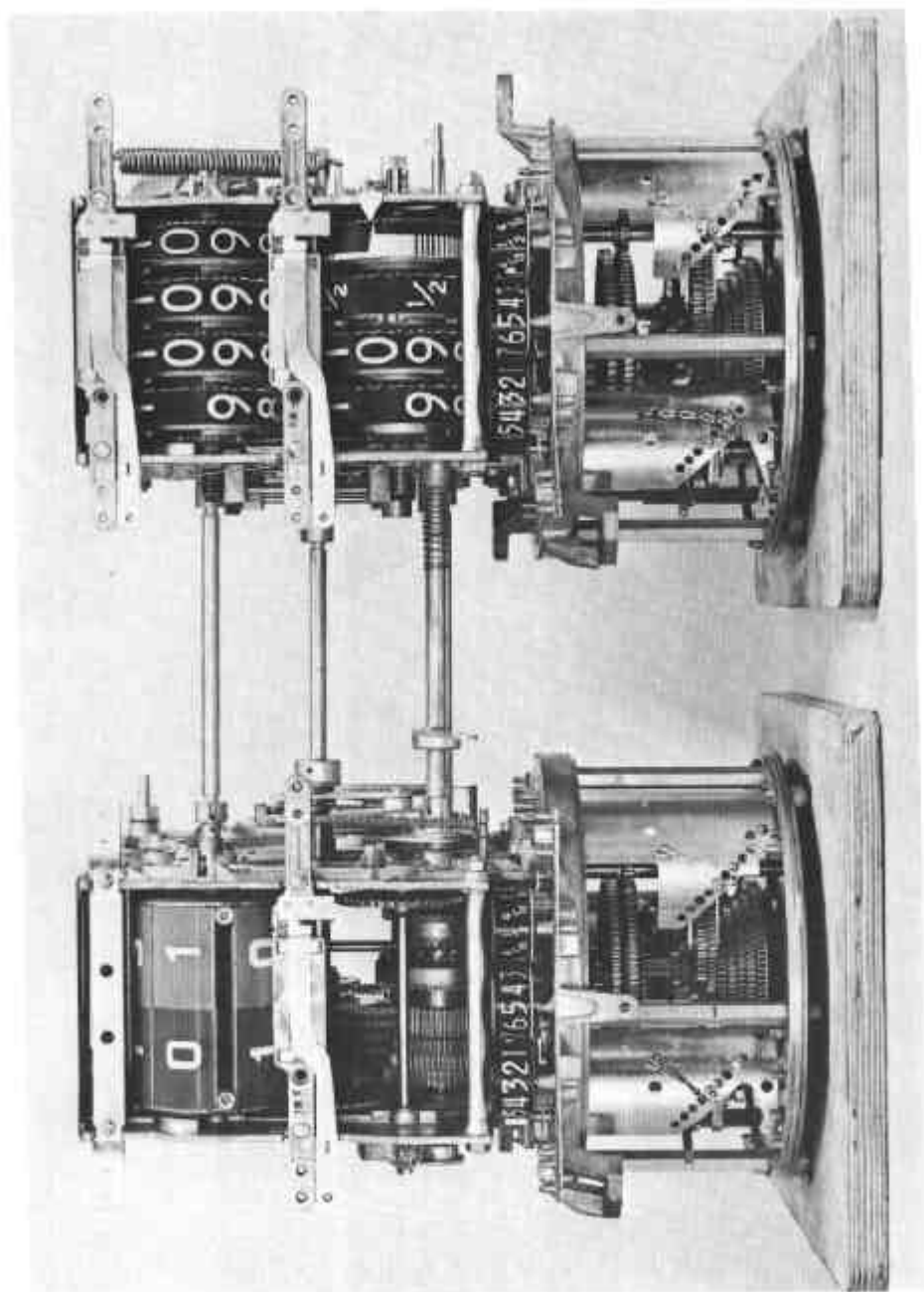
FIGURE 5/6A/101 - 13



Veeder-Root 1613 Computer

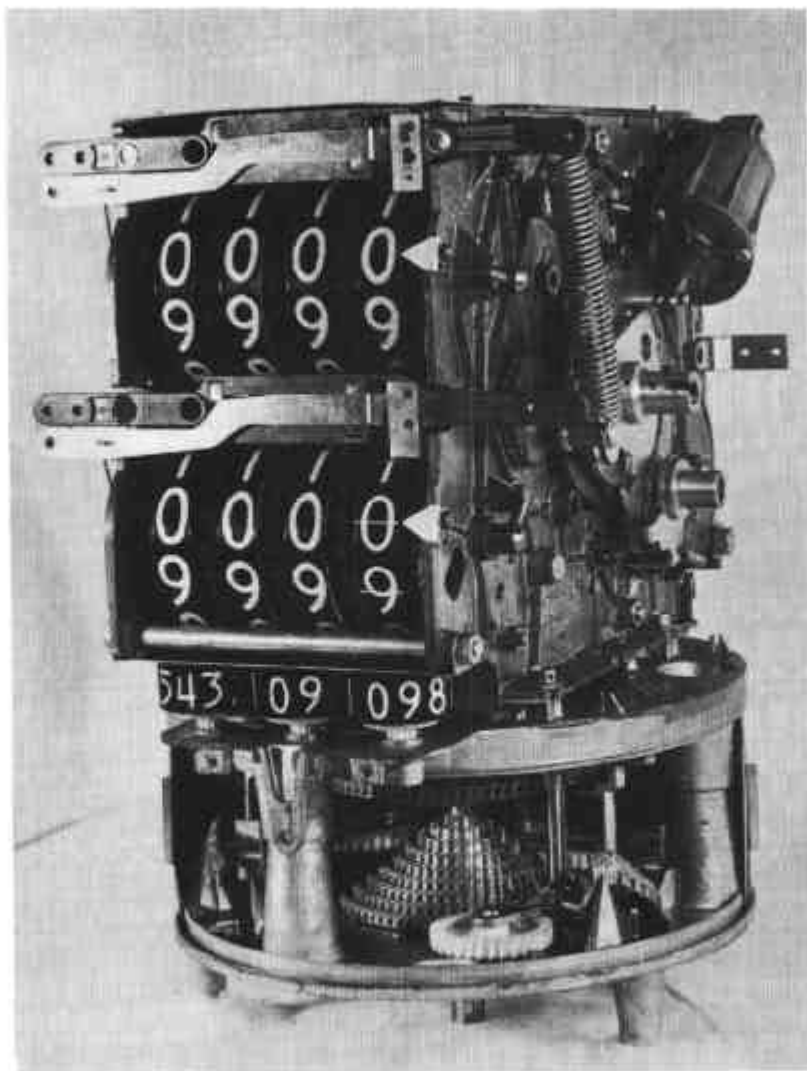
19/6/75

FIGURE 5/6A/101 - 14



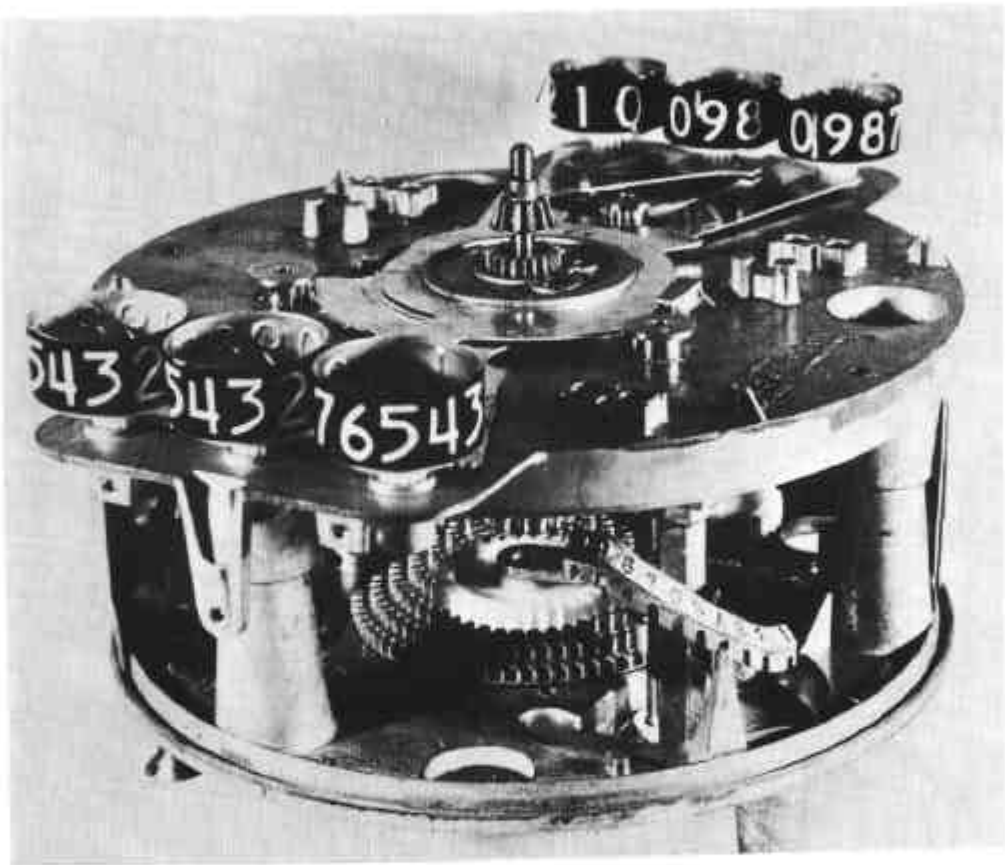
Veeder-Root 1648 Computer

FIGURE 5/6A/101 - 15



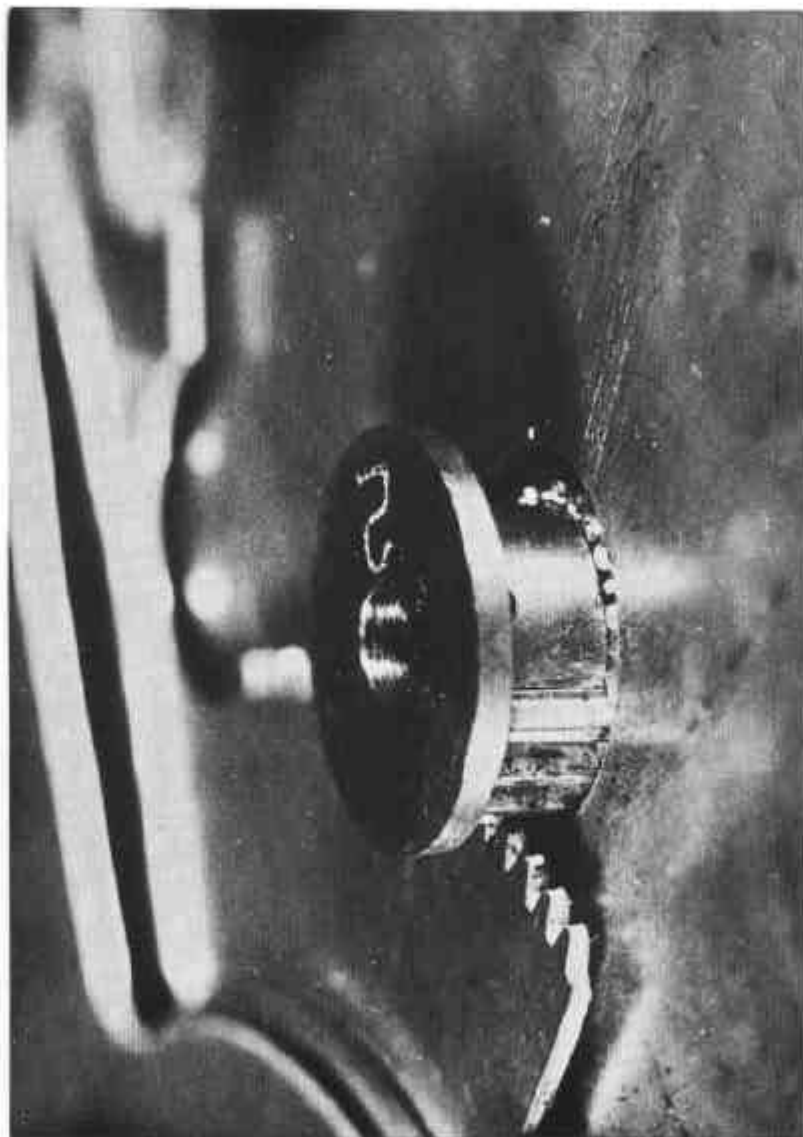
Veeder-Root Computer Model VR 101

19/6/75



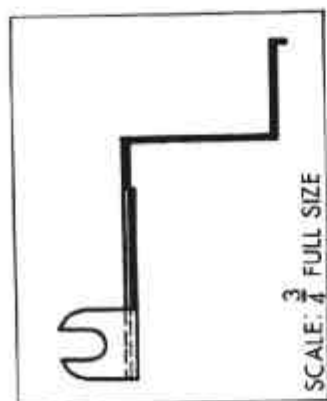
Veeder-Root Computer Model VR 101 - Variator
19/6/75

FIGURE 5/6A/101 - 17



Veeder-Root Computer Model VR 101 - Pinned Shield

FIGURE 5/6A/101 - 18



A

VIEW ON AA
SEE INSET

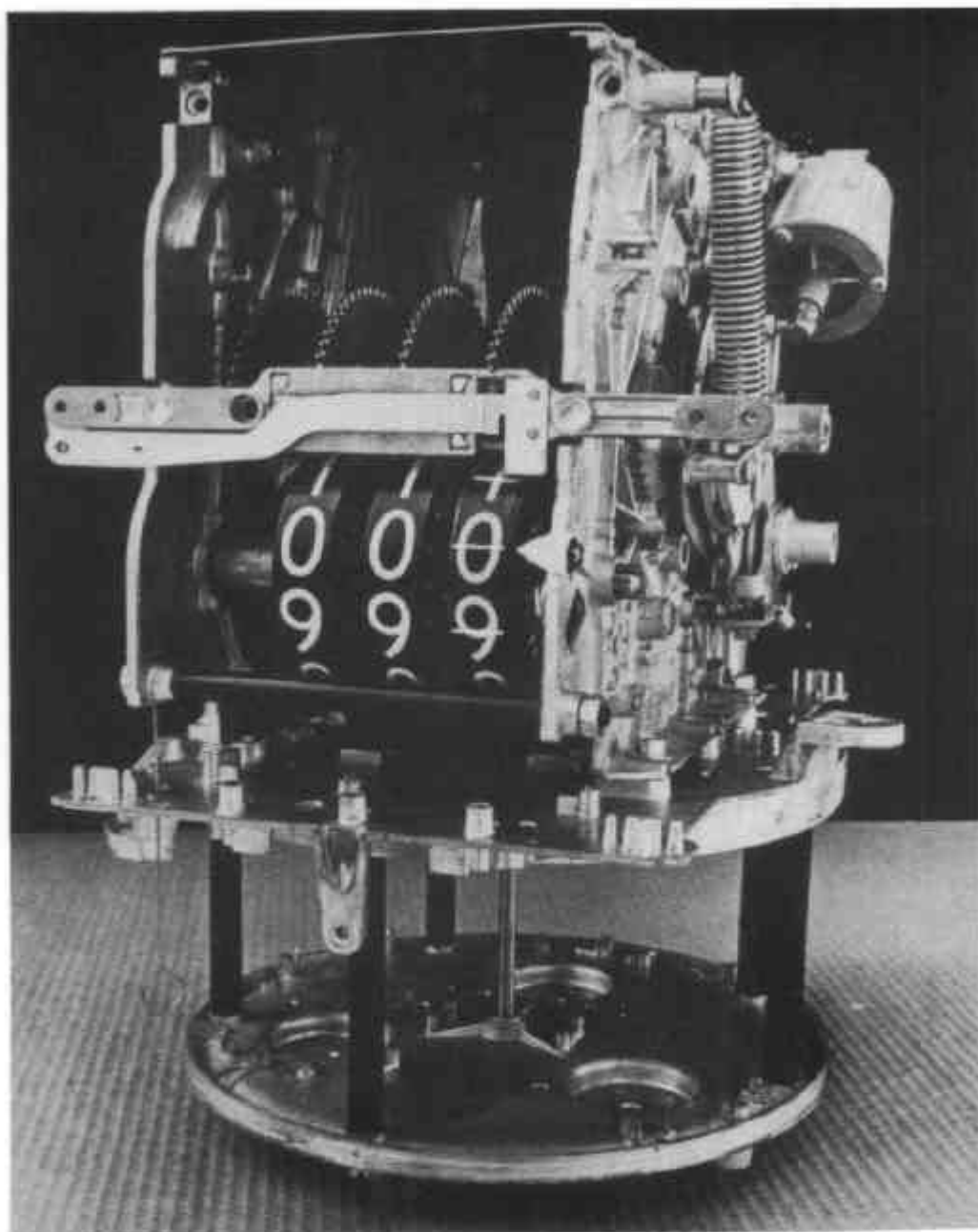


A

Veeder-Root Computer Model VR 101 - Shield for Price-posting Wheels

19/6/75

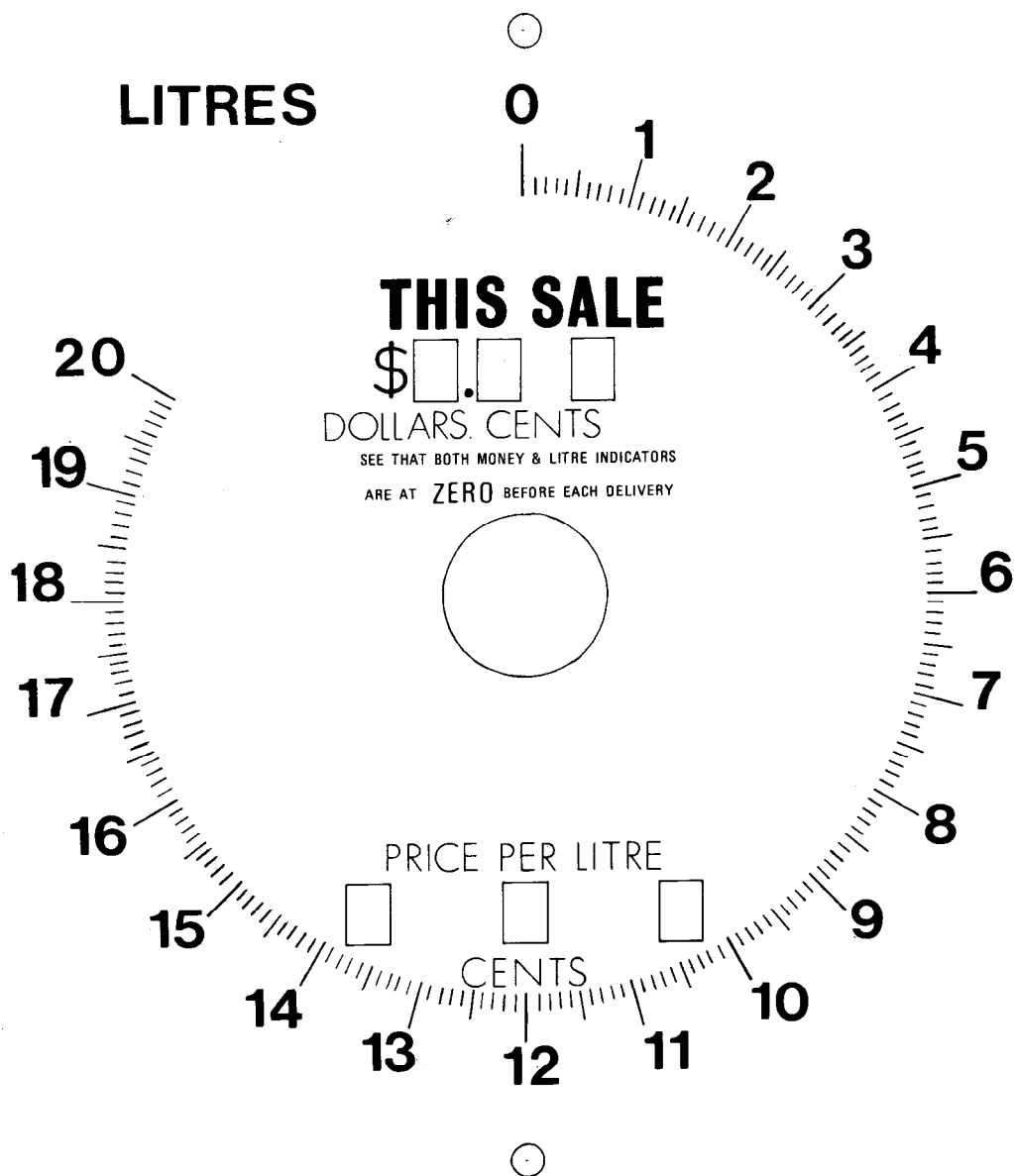
FIGURE 5/6A/101 - 19



Veeder-Root LQ 1615 Indicator

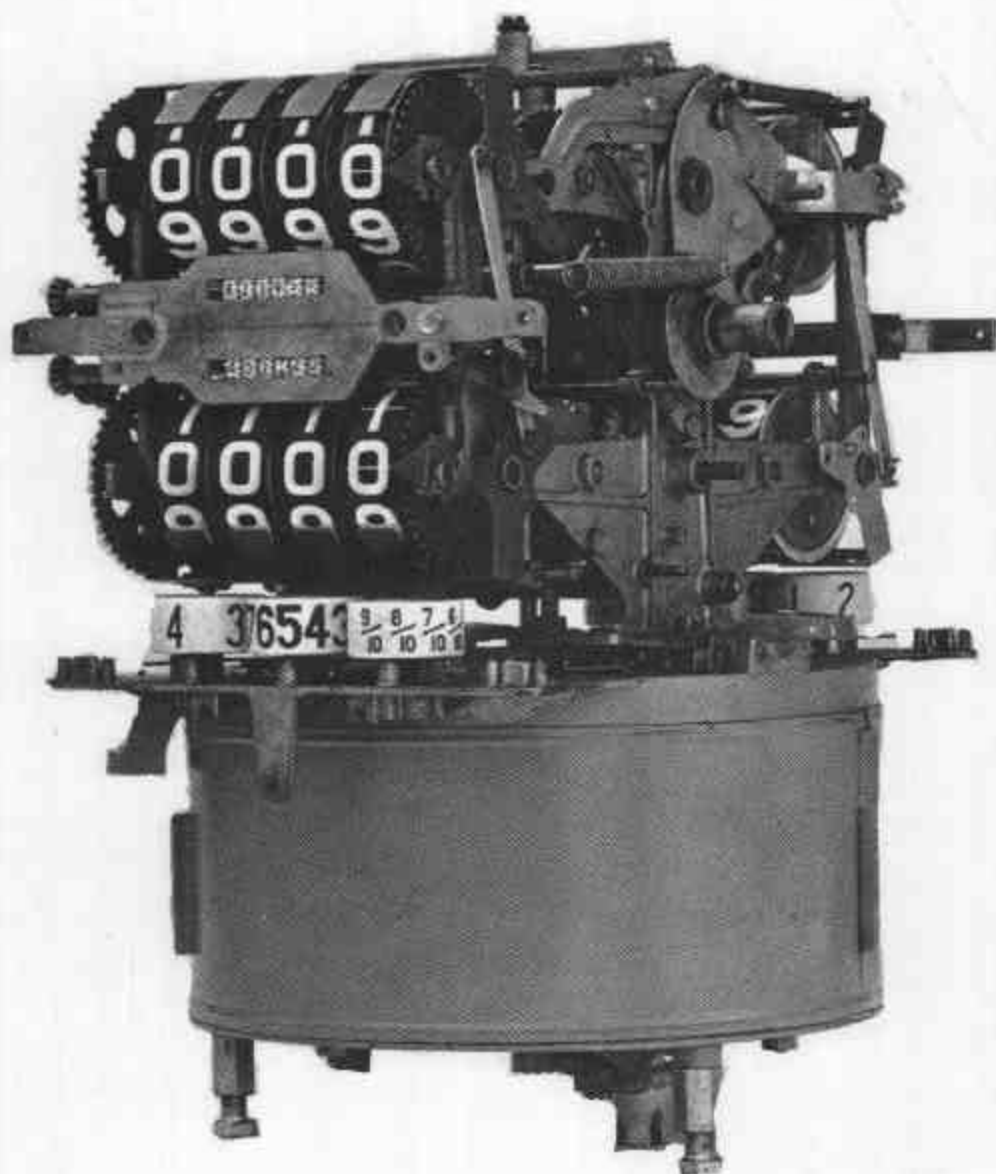
19/6/75

FIGURE 5/6A/101 - 20



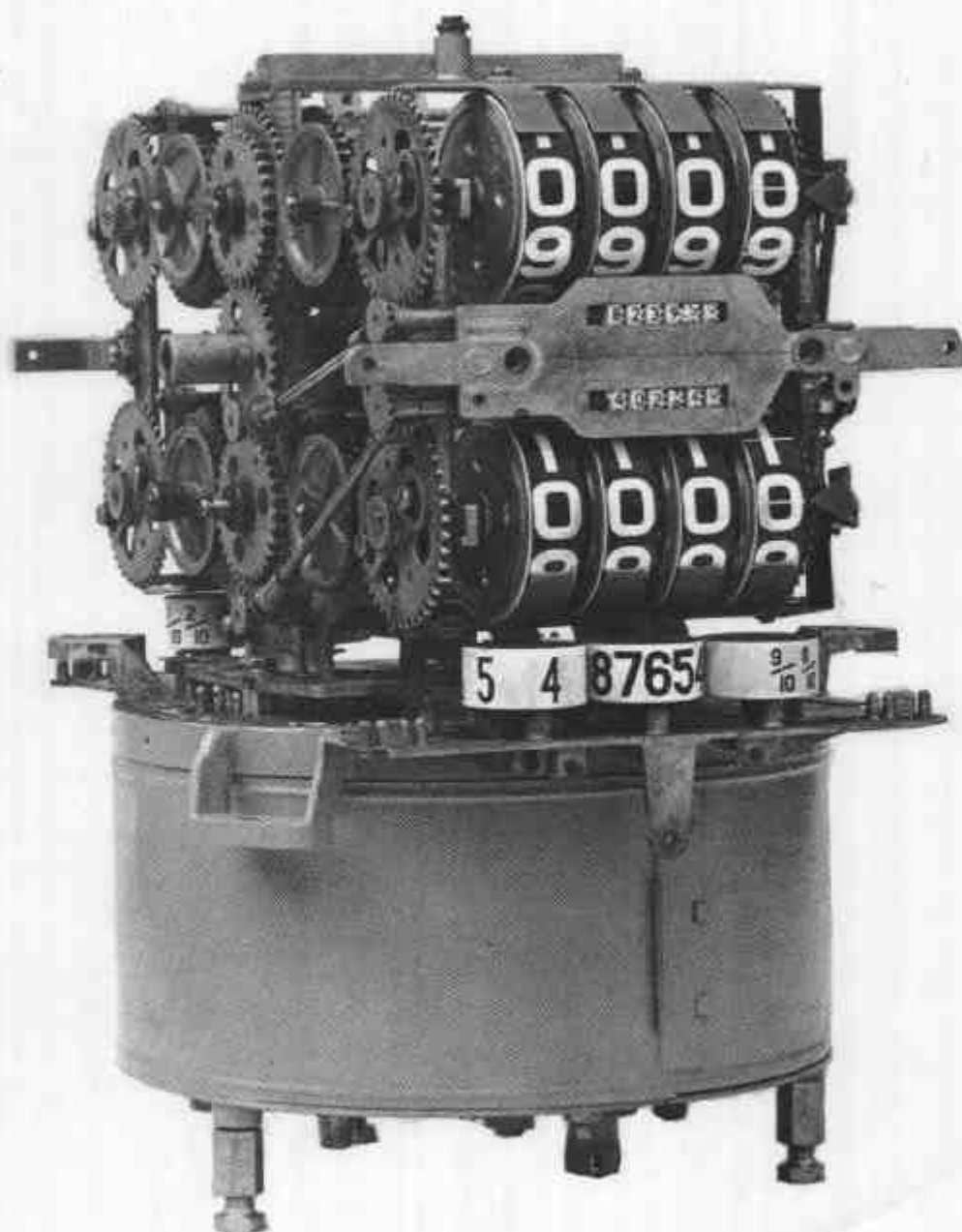
Epex SS1 Dial Face

12/5/77



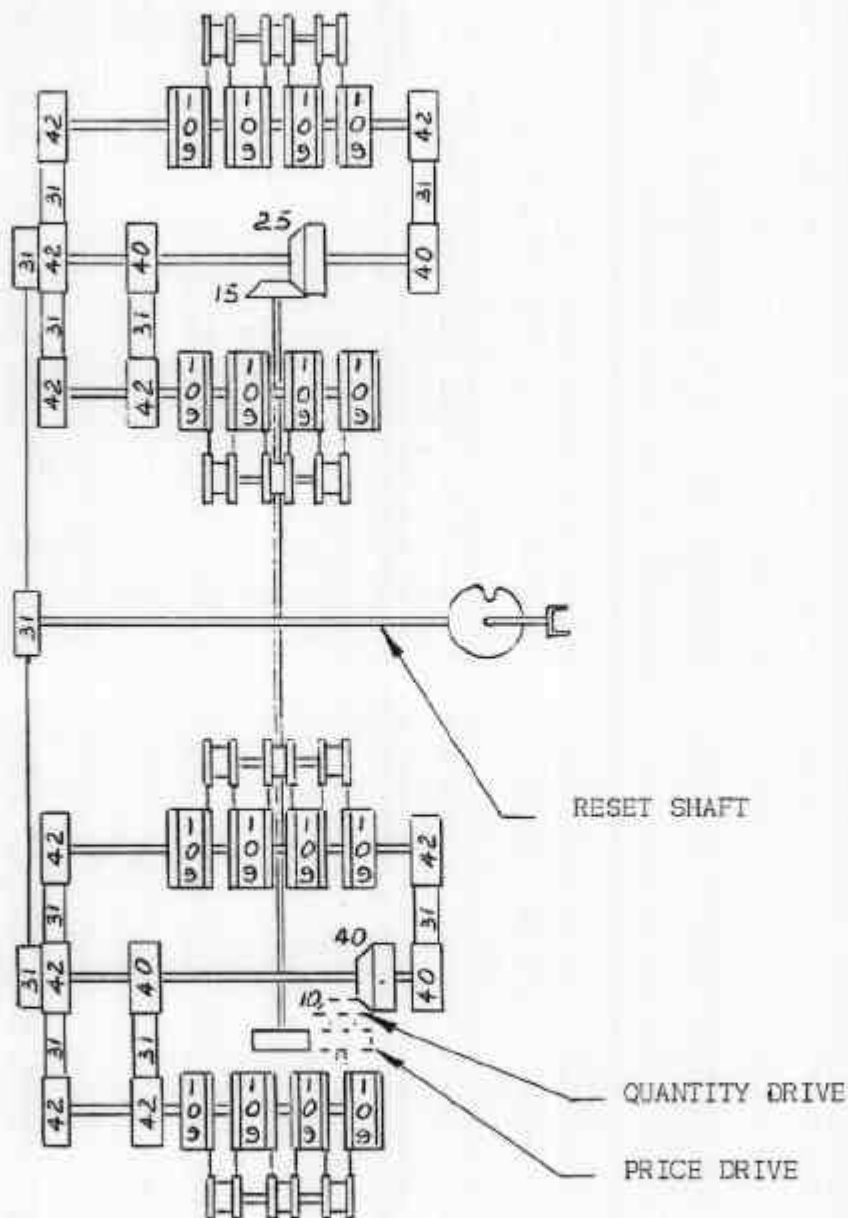
Veeder-Root M36 Computer with 4-wheel Counter-section

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Veeder-Root M36 Computer with 4-wheel Counter-section
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FIGURE 5/6A/101 - 23



Veeder-Root M36 Computer 4-wheel Counter-section -
Schematic Diagram

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