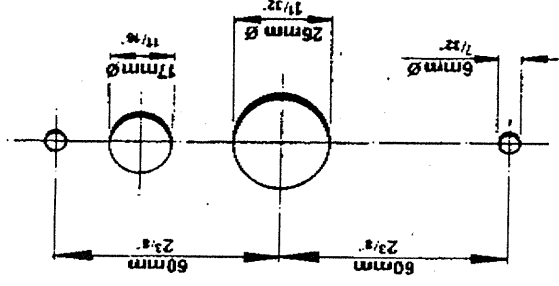
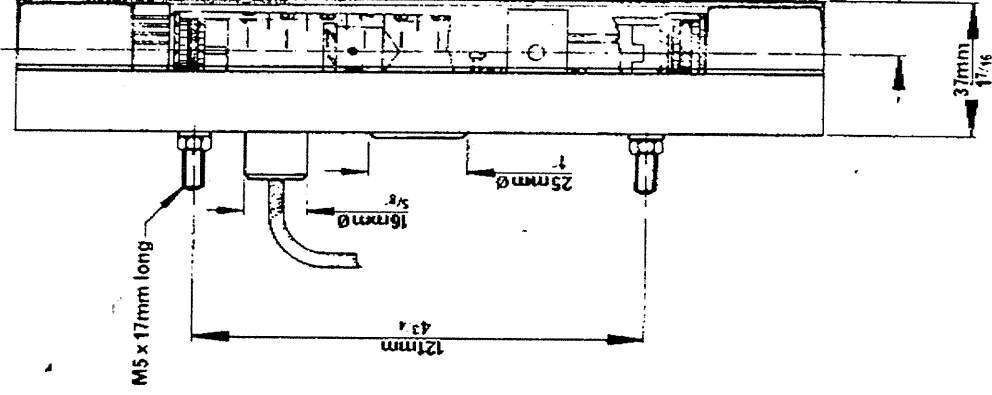
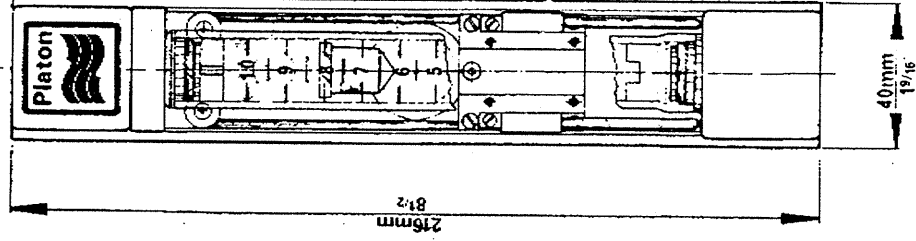




C12/7
Aug 84

GAPMETER TYPE GT IN-LINE C/W FLOSCAN PR



Price
Beas - \$84-33
Stamless - \$120-60.

CERTIFIED DRAWING

CUSTOMER _____
REF. NO. _____
TAG NO. _____
INSTRUMENT _____
FLOW _____
FLUID _____
CONDITIONS _____
CONNECTIONS _____
OUR REF. _____
SIGNED _____
DATE _____

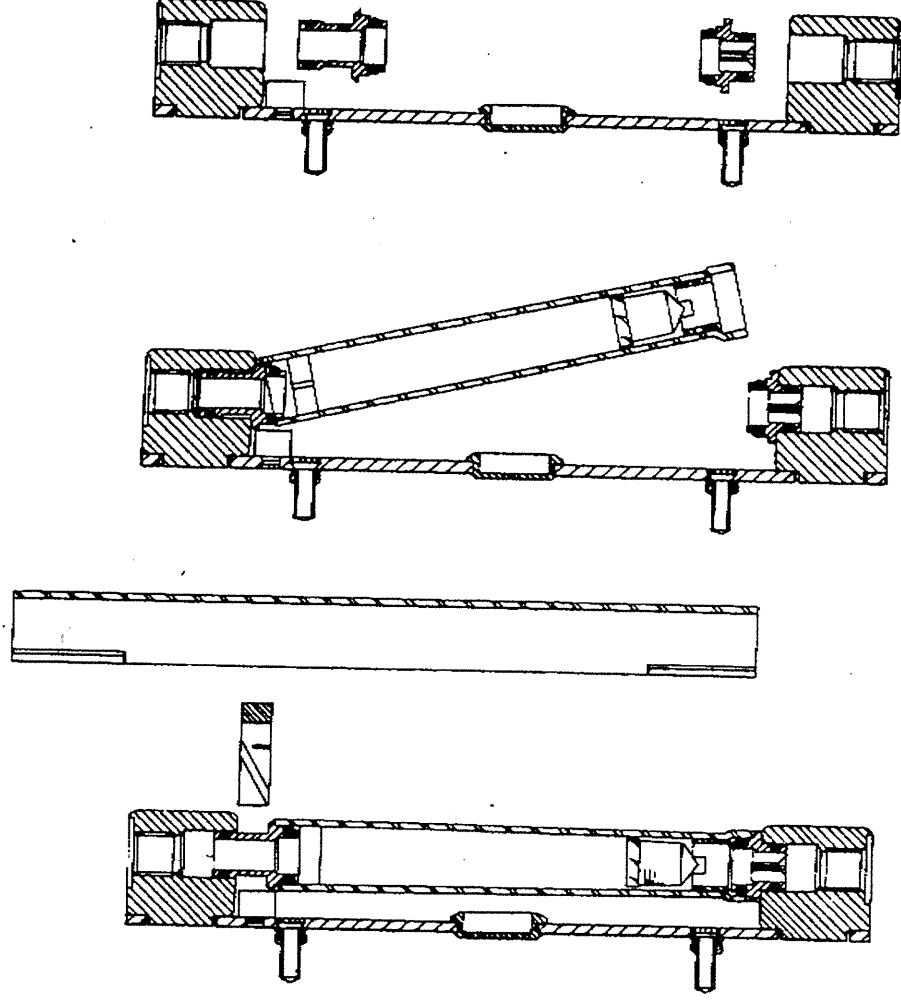
Platon FlowControl Ltd

Platon Park, Viabes, Basingstoke, Hampshire, RG22 4PS. Tel: (0256) 470456 Telex: 858107



GAP
ME'VER**C1B/13**
Nov 84

GAPMETER TYPE GI MAINTENANCE



Replacement of tube Assembly and 'O' Rings

1. Cover Removal:

Slide vertically until the cover is released.

2. Wedge Removal:

Pull forwards until the clip section is released.

3. Tube Removal:

Force the tube assembly towards the gap left from the plastic wedge until the insert comes to a stop. Tilt the tube towards you until the bottom end is clear of the nose insert.

4. Insert Removal:

Withdraw by sliding away from the end blocks.

5. 'O' Ring Replacement:

This should be carried out carefully ensuring that no surfaces are damaged. Moistening the 'O' rings or using a small amount of suitable grease is advisable.

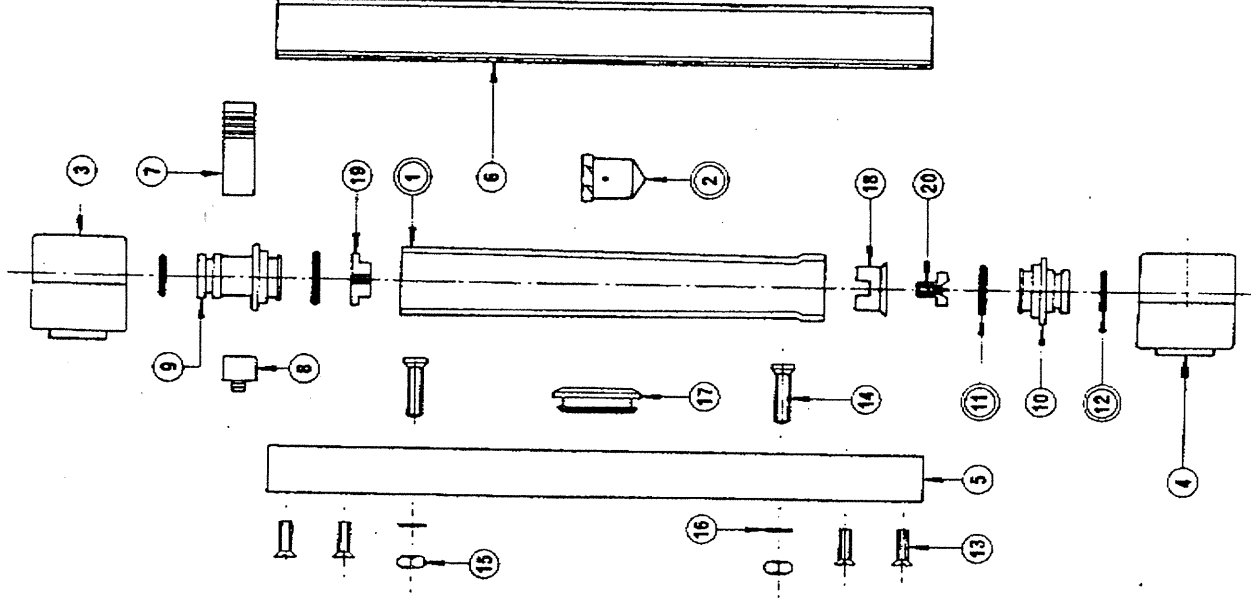
6. Tube Replacement:

To replace the tube assembly reverse the above procedure, using the plastic wedge now as a sliding wedge.

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C12/13
Nov 84GAP
METERGAPMETER TYPE G1
INSTALLATION

1. Remove all packing and check that float moves freely.
2. Check that float material is immune to corrosion and seals resistant to solvent action of fluid metered.
3. Select location to avoid:—
 - (a) condensation of vapour in meter.
 - (b) settling out of sediment in meter.
4. Install in valved loop if frequent cleaning may be needed.
5. Arrange bleed if fluid liable to freeze in meter.
6. Support connecting pipes so that meter is accurately vertical.
7. Avoid jet at entry or any other fitting causing turbulence likely to disturb float stability.
8. Read top edge of float.
9. When using hazardous gases it is advisable to remove the safety grommet (item 17) and vent off using suitable pipework to a non-hazardous area.
10. When surface mounting the safety grommet area should be free from obstruction, for panel cutout details see leaflet C12.

MAINTENANCE

1. Recommended spares are shown by double ring.
2. Spare tubes float and film scales are ordered by code - see S1-2.
3. Spares for special meters must quote instrument serial number.

ITEM	PART NAME	MATERIAL	NO/METER	ITEM	PART NAME	MATERIAL	NO/METER
1	TUBE	GLASS	F 1	16	WASHER	N.S.	F 1
2	FLOAT		FV 1	17	GROMMET	SILICON RUBBER	F 2
3	UNVALVED END BLOCK	BRASS or S.S.	2	18	BOTTOM FLOAT STOP	P.P.	F 1
4	UNVALVED END BLOCK	BRASS or S.S.	-	19	TOP FLOAT STOP	P.P.	F 1
5	BACKPLATE	ALI	1	20	FLOW GUIDE	P.P.	F 1
6	COVER	MAKROLON	1	21	LABEL		F 1
7	WEDGE	KEMETAL	1				
8	WEDGE SUPPORT	KEMETAL	1				
9	TOP INSERT	BRASS or S.S.	1				
10	BOTTOM INSERT	BRASS or S.S.	1				
11	O RING BS008/011/112 For Size 1, 6 Or 10		2				
12	O RING BS013		2				
13	C-SK SCREW	ST. CAD. P.L.T.	4				
14	CAPTIVE SCREW	ST. CAD. P.L.T.	4				
15	NUT	ST. CAD. P.L.T.	2				
			2				

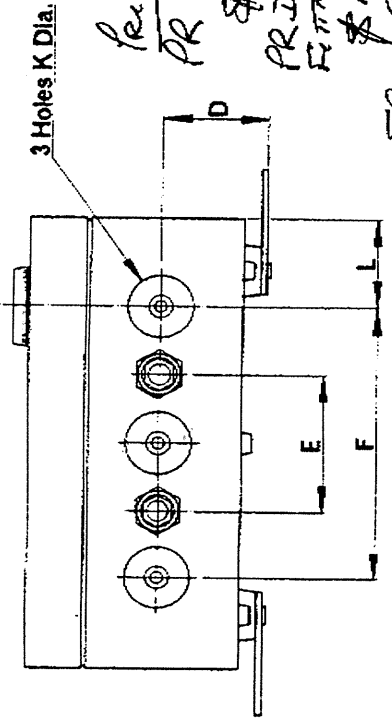
* ITEM 18 USED ON SIZES 1 & 10 ONLY. * ITEM 20 USED ON SIZES 6 & 10 ONLY.

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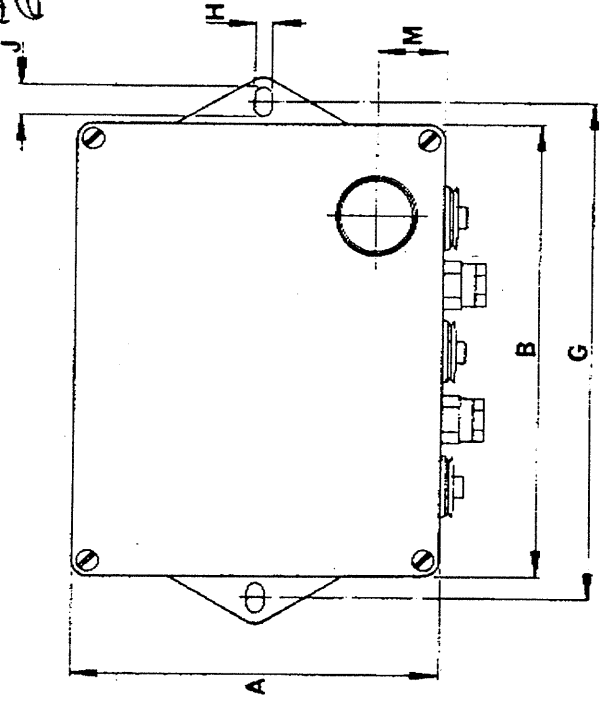
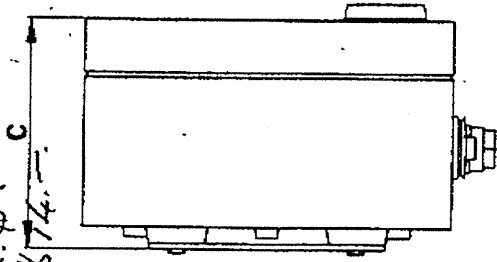
C41/1
AUG 84

CONTROL UNIT FLOSCAN FLOW ALARM



3 Holes K Dia.

Prices
PR Control Box \$200.-
PR Detector \$125.-
PR Detector fitted to meter.
Sheet Circuit Boards Power Supply \$35.-
Amplifier \$75.-
Case \$74.-



CERTIFIED DRAWING

CUSTOMER _____
REF. NO. _____
TAG NO. _____
INSTRUMENT _____
FLOW _____
FLUID _____
CONDITIONS _____
CONNECTIONS _____
OUR REF. _____
SIGNED _____
DATE _____

	MMs	INs
A	138	5.43
B	173	6.81
C	85	3.35
D	40	1.57
E	50	1.97
F	100	3.94
G	185	7.28
H	6	0.24
J	11	0.43
K	21.5	0.85
L	34	1.34
M	25	0.98

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FLOSCAN TYPE PR OPERATION & MAINTENANCE

C 41
July 86

PRINCIPLE:- See M41.

SPECIFICATION:-

Supply Voltage: 220/250 V. or 110/120 V., 50-60 Hz.

Relay Contacts: Double pole changeover.

Contact Rating: AC: 250 V., 8A.

DC: 250 V., 1A. (Non-inductive).

Relay Operation: Latching/non-latching selection.

Enclosure: Weatherproof to IP 55.

INSTALLATION:-

- (1) Refer to appropriate manual sheet for details regarding the Gapmeter.
- (2) The required connection linking the detection head to the control unit should be made using the wiring diagram in the lid of the control unit, W-W 107.
- (3) Before applying the supply voltage to the control unit the following setting up procedures should be carried out.

FIG. 1 : GU Gapmeter

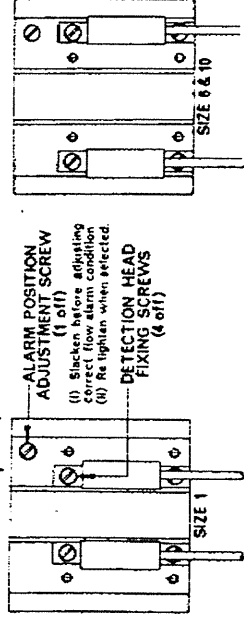


FIG. 2 : GT Gapmeter

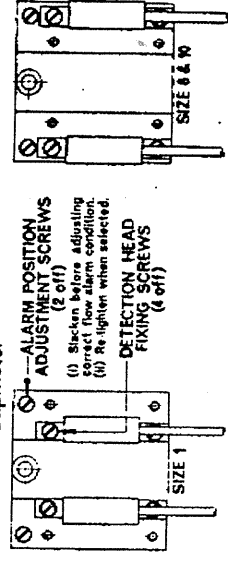
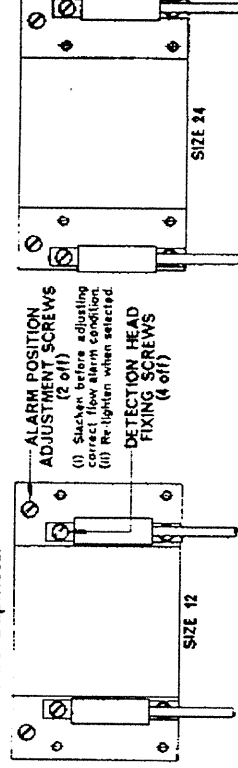


FIG. 3 : PGU Gapmeter



SETTING UP PROCEDURES:-

- (1) The mode for operation should be selected using figures 1, 2 & 3, for correct positioning of the emitter/receiver heads.
- (2) Check, using figure 4, that the control unit is set for the appropriate mode of operation and is suited for the correct emitter/receiver head.
- (3) Check that the connection is made for the required supply voltage (use diagram in the lid of the control unit, W-W 107).
- (4) With the switch in non-latch mode, turn gain control clockwise until relay energises; add further turn.

MAINTENANCE:-

The Floscan should not normally require any maintenance but the following components are offered as service spares.

- (1) Control unit, top board.
- (2) Control unit, bottom board.
- (3) GT Floscan back plate assembly.
- (4) GU Floscan housing assembly (Sizes 1, 6 & 10).
- (5) PGU Floscan housing assembly (Sizes 12 & 24).

When ordering service spares, please quote our reference number.

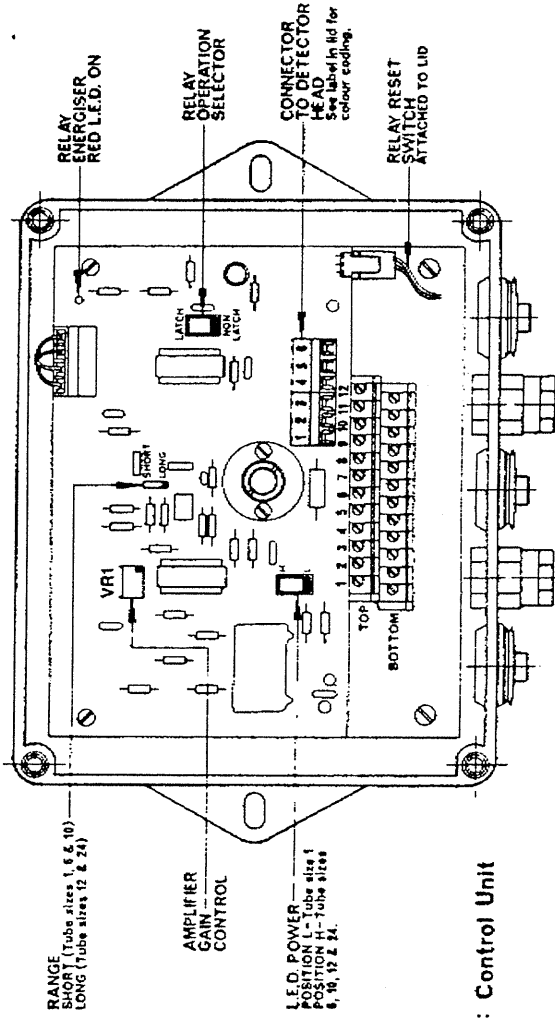


FIG. 4 : Control Unit

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