FOR USE WITH
COLOR-PORT®
FIGURE NUMBERS
4511, 4561, 4581 THRU
4595 EXCEPT 4585


WARNING
REPLACE IMMEDIATELY
WHEN GLASS APPEARS
WHITE OR OPAQUE


WARNING
REPLACE IMMEDIATELY
WHEN GLASS APPEARS
WHITE OR OPAQUE

HANDLE WITH CARE
Mfgd. by
TV&C, LP
HARLINGEN, TX. 78550

MICA–GASKET–
GLASS ASSEMBY
for
yarway
COLOR–PORT®
WATER GAGE

Repair Kit Part No. 7000013156
(Replaces Kit Part. No. 923321)
Boiler press. up to 3000 psi

PXL
SP 2190

HANDLE WITH CARE
Mfgd. by
TV&C, LP
HARLINGEN, TX. 78550

MICA–GASKET–
GLASS ASSEMBY
for
YARWAY
COLOR–PORT®
WATER GAGE

Repair Kit Part No. 7000013156
(Replaces Kit Part No. 923321)
Boiler press. up to 9000 psi

Specific advantages

❶ Distinct two-colour indication

❷ Easy reading even from a distance

❸ Long life of the port glasses
The small circular sight glasses are particularly resilient due to a special manufacturing method.
Another essential factor resides in the fact that the glasses are protected from boiler-water attack by micas. Since the latter are relatively small, only the best qualities are used (ASTM - D 351 - 60 T/V - 4).

❹ Simple servicing
Each individual sight glass can be replaced within a few minutes. All that is required is to untighten the cover cap screws, remove the defective part, insert the replacement assembly, and retighten the cover firmly against the body. (Fig. 10 - 11 - 12).
The spring cones exert a uniform load on glass and gaskets. This will prevent glass breakage when screwing the port cover down to the body.

Fig. 10

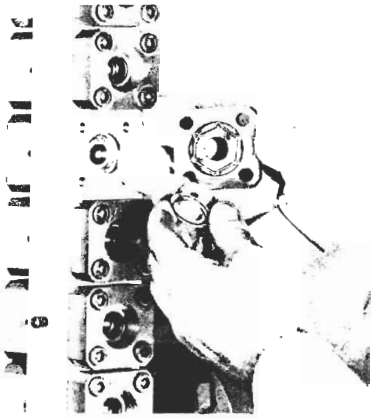


Fig. 11

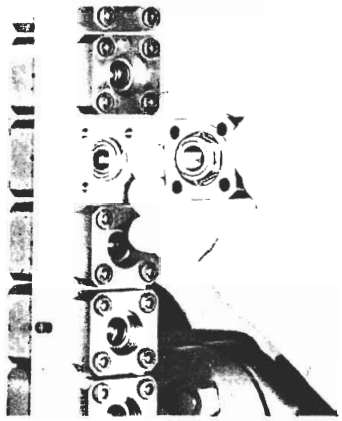
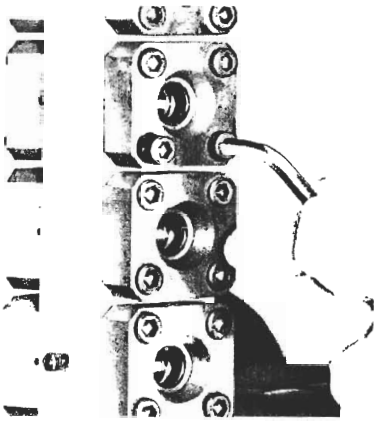


Fig. 12



❺ Reading can be transmitted onto TV screen

Materials

YARWAY water gages of standard construction will be furnished as specified in the bill of material.

Tests at the manufacturer's plant

YARWAY water gages are subject to hydraulic test for which certificates are made available, other tests, performed on request; may be subject to extra cost.
Design and construction meet most exacting requirements, such as those specified by German boiler inspectors, the ASME Boiler Code, the U.S. Coast Guard Rulings, and the U.S. Military Specifications.

Connections

Standard end connections are flanged to DIN, ANSI or BST.

Applications

YARWAY water gages serve for direct level reading on highpressure vessels. They are used both indoors and outdoors. Their two-colour indication ensures easy reading even under adverse lighting conditions and from a distance.

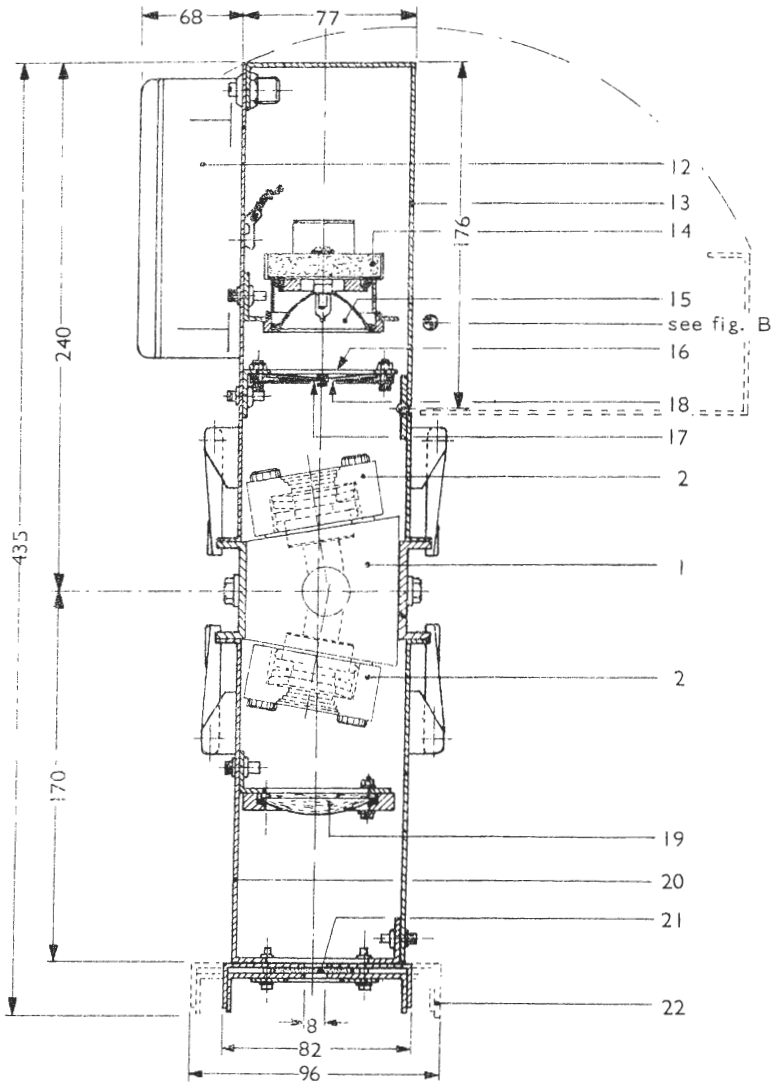
Materials and gaskets are Standard for high-pressure boiler application, They can be adapted to other fluids as well.

YARWAY water gages are made for two specifie pressure ranges:

Figure Number 4571 for ND 100 or 1050 psi
Maximum operating pressure: 74 bars
Maximum operating temperature: 300°C

Figure Number 4595 for ND 320 or 3000 psi
Maximum operating pressure: 210 bars
Maximum operating temperature: 370°C

Special constructions for other operating conditions on request.

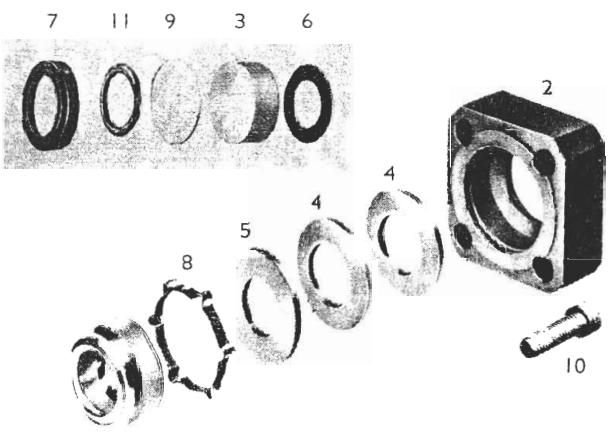


Item No.	Description	Material
1	Body	Stainless Steel
2	Cover	Carbon Steel
3	Glass	Special high temperature formula.
4	Spring Cone	Stainless Steel
5	Washer	Stainless Steel
6	Cushion Gasket	Asbestos
7	Clip Ring	Stainless Steel
8	Retaining Ring	Stainless Steel
9	Mica	India Ruby Mica
10	Cap Screw	High strength steel
11	Sealing Gasket	Asbestos (Monel clad for HP)
12	Electrical Connection	
13	Illuminator Door	Mild Steel
14	Lamp Holder	
15	Halogen Lamp 12 V	
16	Glass Strip Holder	Mild Steel
17	Red Glass Strip	
18	Green Glass Strip	
19	Lens	
20	Direct View Set	Mild Steel
21	Frosted Glass	
22	Glass Holder	Mild Steel

Special options: These illuminators are also available for special service in hazardous areas, such as ethylene plants. This version is provided with an airtight purgebox, where an overpressure of air can be maintained to avoid penetration of inflammable gases into the lamparea (see fig. B).

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~~ND 100~~ / ND 320



3,6,7,9 & 11

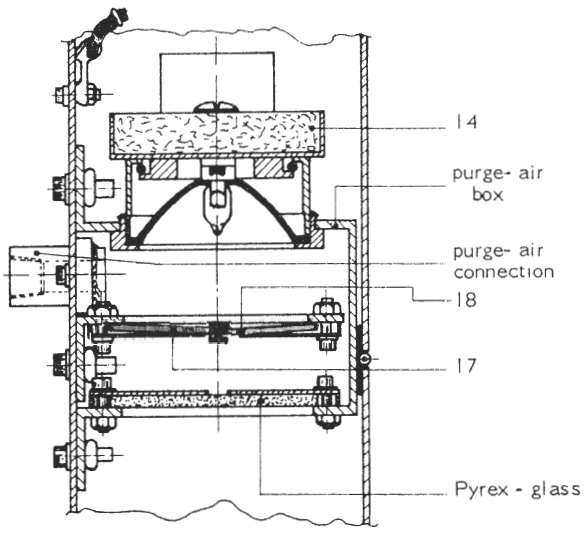


FIG. B