

Application

Vacuum / pressure test at cans, beverage cans, bottles, etc.; the test connection for cans is preferentially mounted on pressure gauge model RCh 63-1 (data sheet 1211).

Standard Version

Nominal Case Size

63 (2½")

Accuracy (EN 837-1)

Class 1.6

Pressure Ranges (EN 837-1)

-1 – 0 bar 30" Hg vac. – 0
-1 – 0 – 0.6 bar 30" Hg vac. – 0 – 15 psi
-1 – 0 – 1.5 bar 30" Hg vac. – 0 – 30 psi

Pressure Limitation

at steady load: ¾ of the full scale value
at dynamic load: ⅔ of the full scale value
short-time: full scale value

Protection Type (EN 60 529 / IEC 529)

IP 54 dry pressure gauges

Connection

M 12 x 1.5 (0.47" x 2.17") bottom connection brass with cannula connection, needle Ø 5 mm (0.2"), rubber seal made of NBR (nitrile rubber)

Bourdon Tube

Bronze, c-form, soft soldered

Movement

Brass / German silver

Dial

Aluminum, black figures, white background

Pointer

Aluminum, black

Case and Ring

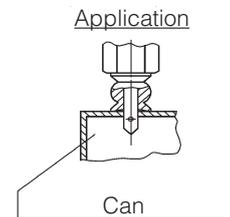
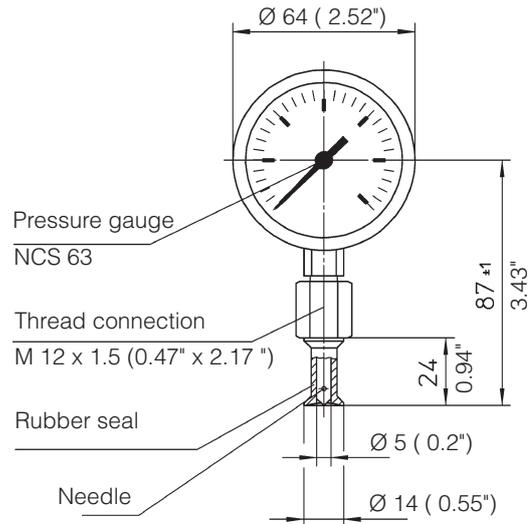
Bayonet ring case (model RCh) made of 1.4301 (304 stainless steel), tight bayonet ring; others upon request

Window

Instrument glass

Safety Features

Pressure relief vent Ø 25 mm (1"-Blow-out) in the back of the case



Replacements

If required, the rubber seal can be ordered separately, item number: 643-500-012.

Operating Instructions > B24 <

Before using the instrument, please make sure that the pointer is at zero.

The instrument has eventually to be ventilated by lifting the rubber seal at the can connection.

Afterwards, the rubber seal has to be adjusted that the needle is not visible. (This can be tested by touching the flange with the finger.)

To grant a good sealing, it is advisable to dampen the lower flange of the seal, which is attached to the can.

When attaching the pressure gauge onto the can, the needle must not pierce into the can at first. At first, the sealing has to be made by attaching the rubber closely.

Now the needle can be pierced into the can slowly by pushing the pressure gauge down. The vacuum (resp. the pressure) of the can is being indicated.

If vacuum occurs, the rubber closes the vent of the needle, when pulling it out. The indication lasts.

Please ventilate the instrument once again (see above).

For cleaning of the connection the rubber seal can be detached completely.

Ordering Information (model construction):

Please indicate the following information in your order:

Model: **RCh**
Nominal case size: **63**
Material code number
for wetted parts: **-1**
Pressure range: -1 – 0 bar,
 -1 – 0 – 0.6 bar or
 -1 – 0 – 1.5 bar
Connection: test connection for cans
Special versions: (upon request)

Example for ordering code:

RCh 63-1, -1/0 bar, test connection for cans

