

Can Puncturing Gauge

RCh 63 – 1

ARMANO**T01-000-022**

Application

Vacuum / pressure test on cans, beverage cans, bottles etc.; preferably, the test connection for cans is attached to pressure gauge models RCh 63 – 1 (data sheet 1211).

Standard Versions

Pressure Limitations

At steady load	¾ of the full scale value
At dynamic load	⅔ of the full scale value
Short-time	full scale value

Accuracy (DIN EN 837-1)

Class 1.6

Case

Bayonet ring case (model RCh) made of 304 (1.4301), tight bayonet ring; others upon request (without filling only)

Degree of Protection (DIN EN 60529 / IEC 60529)

IP54 unfilled devices

Nominal Case Size

63 mm (2½")

Wetted Parts

Connection	brass
Bourdon tube	bronze, c-form, soft-soldered

Case Configuration

Connection	screwed
Position of the connection	bottom connection

Pressure Ranges (DIN EN 837-1)

-1 / 0 bar
-1 / 0 / +0.6 bar
-1 / 0 / +1.5 bar

Process Connection

M 12x1.5 with cannula connection
Needle Ø 5 mm (0.2"), rubber seal made of NBR

Window

Instrument glass

Movement

Brass / German silver

Dial

Aluminum white, scale black

Pointer

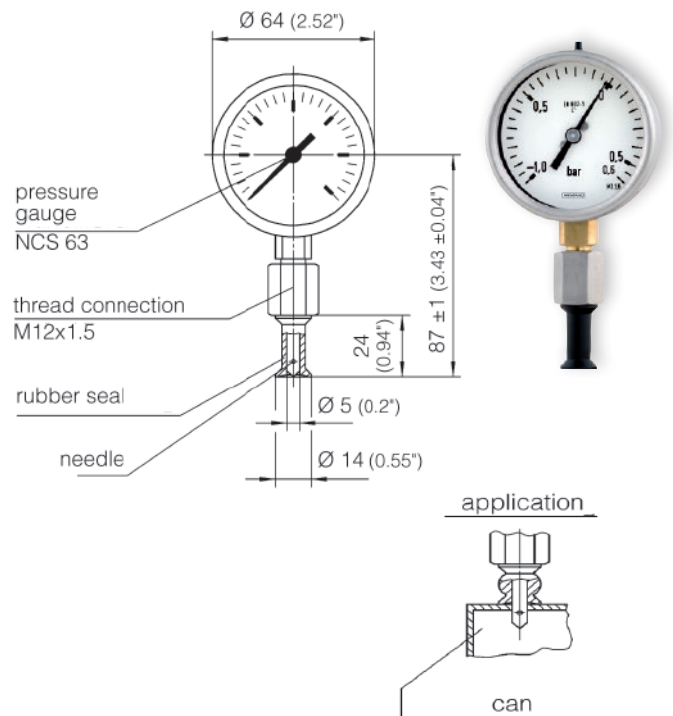
Aluminum black

Safety Features

Blow-out plug at the top of the case coverage

Replacement Parts

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



Operating Instructions

Before putting into use, make sure that the pointer of the pressure gauge is at zero position.

If necessary, ventilate the device by lifting the rubber seal at the can connection.

The rubber seal must then be realigned so that the needle does not protrude. (This can be tested by briefly running a finger over the rubber edge.)

We recommend moistening the lower edge of the seal, which rests on the can, to provide a tight seal.

When attaching the pressure gauge onto the can, the needle must not pierce at first. First, the seal must be made by attaching the rubber tightly.

Now slowly insert the needle into the can by pushing the pressure gauge downwards. The vacuum (or, if applicable, the pressure) in the can is indicated.

When vacuum is present, the rubber usually closes the needle vent when it is pulled out. The indication remains visible.

Prior to the next measurement, ventilate the device again (see above).

To clean the connection, the rubber seal can be removed completely.

Ordering Information

Model	RCh
Nominal case size	63
Wetted material	-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 RCh 63 – 1, -1 / 0 bar,
test connection for cans