

Operating Instructions

(English)

Cleaning Bench Ref. OP0062



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Your Model :

Serial number :

Made the :

to contact Sales Manager : d.regal@aremeca.fr

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Read the instructions before handling and retain this information for future use

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The cleaning bench is designed to clean your pressure gauge subject to calibration, to avoid any pollution when you connect to your dead weight or bench comparator. This cleaning bench also allows you to empty and /or fill your manometers quickly.

This accessory described in this manual is designed and manufactured in AREMECA (France).

Our products follow manufacturing procedures and controls in line with our Quality System ISO9001 version 2008 and in accordance with the standards in force.

This manual commissioning informs the user about the functioning of the instrument and the safety limits for work peacefully.

This manual is an integral part of the device. It must be kept close to the workstation and accessible at any time by the user.

AREMECA reserves the right to alter the content or form of this manual at any time and without notice. And to make technical amendments to change the product.

Responsibility AREMECA is not liable for any damage caused by :

- not in accordance with intended usage,
- non compliance with instructions for use,
- use of the instrument by unqualified untrained operator ,
- a transformation / modification of the device carried by the user.

The operator must have read and understand prior to operating mode and use the device to start handling.

For more information



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a) Design

The cleaning bench OP0062 is the indispensable accessory of the calibration workstation. This tool is easy to use and is the ideal product for stopping contaminations of your standard dead weight or bench comparator.

b) Applications

It can be complicated to manually clean the pressure gauge when dirt is embedded in it. The cleaning bench greatly facilitates this operation of cleaning. This accessory can be used effectively to drain or wash or prefill the pressure gauge with the appropriate fluid.

c) Principle

The bench operates with a venturi system (pressure/vacuum) which allows the liquid to enter and exit the manometer and thus wash it.

You can clean all pressure gauge that are not sensitive to vacuum

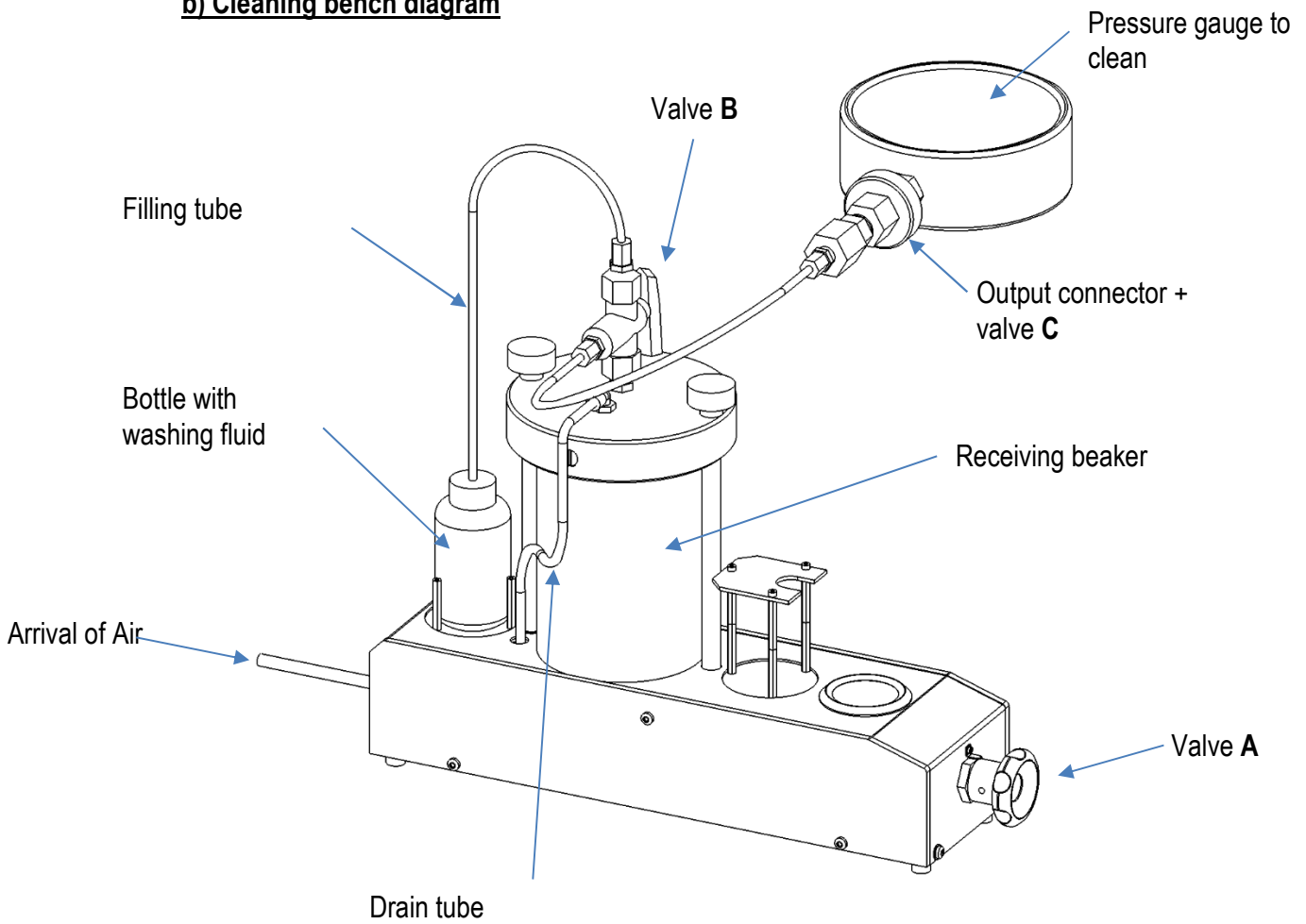
a) Unpacking the unit

The cleaning bench is delivery with :

- a standard connector G1/2 to connect your pressure gauge

Note : the connectors G3/8", 1/4" and 1/2" NPT may be optional.

b) Cleaning bench diagram



Max pressure : 7 bar
Dimensions (cm) : H x L x l – poids = kg

Les instructions suivantes permettront une utilisation correcte de votre banc de nettoyage

c) Installation

- a – Install the cleaning bench on a flat, stable surface.
- b – set valve A to 0
- c – connect the bench to a compressed air source using the fitting on the back of the unit.
- d – make sure that the bottle contains enough clean fluid for cleaning. Remember to note on your bottle the fluid using to avoid contaminating the next pressure gauge.



- e – Check that the receiving beaker is empty and clean.

d) Using

1 – Clean your pressure gauge

- a – Install the pressure gauge that you want to clean on the connector G1/2. If needed, change the connector. You can use our suitcase reference OP0037 with 17 models of connectors interchangeable.



- b – Set the valve B to the position vacuum
- c – Turn the valve A to 1 : the pressure gauge is empty of his residual fluid.
- d – Set the valve B to the position **filling** : the fluid rises in the filling tube and fills the pressure gauge. To optimize cleaning, you can manipulate the pressure gauge by rotating 360° to facilitate fluid flow.
- e – Return the valve B on the position **vacuum** : to remove the fluid from the pressure gauge through the drain tube and completely bleed the circuit. Hold the pressure gauge high to facilitate emptying
- f – Repeat the operations **d + e** several times to clean your pressure gauge, until the fluid into the beaker isn't soiled.

g – turn the valve C to remove the fluid from the pressure gauge through the drain tube and completely bleed the circuit.

h - Remove the valve A after few seconds to 0

i – you can disassemble the pressure gauge.

2 – Fill your pressure gauge before calibration

a – Install the pressure gauge on the connector G1/2. If needed, change the connector. You can use our suitcase with 17 models of connectors interchangeables reference OP0037

b – Put the valve B in the position **filling** : the fluid rises in the filling tube and fills the pressure gauge. To optimize cleaning, you can manipulate the pressure gauge by rotating 360° to facilitate fluid flow.

c– Return the valve B on the position **vacuum** + the valve A to 0 to remove the fluid from the pressure gauge through the drain tube and completely bleed the circuit. Hold the pressure gauge high to facilitate emptying

d– Remove the valve A to 1 after few seconds.

e – Repeat the operation b) : Put the valve B in the position **filling** (parallel to the pipe) : the fluid rises in the filling tube and fills the pressure gauge. To optimize cleaning, you can manipulate the pressure gauge by rotating 360° to facilitate fluid flow. **Now your pressure gauge is full.**

Notes

