

Circular letter No. 001 dated 19.02.2020

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Dear partners!

We draw your attention to the location of the suction fittings in the reagent canisters: **the intake must be in an upright position!** (and not lie at the bottom of the canister). This is especially important for suction fittings with a check valve (glass ball) that will not work properly in a horizontal position.

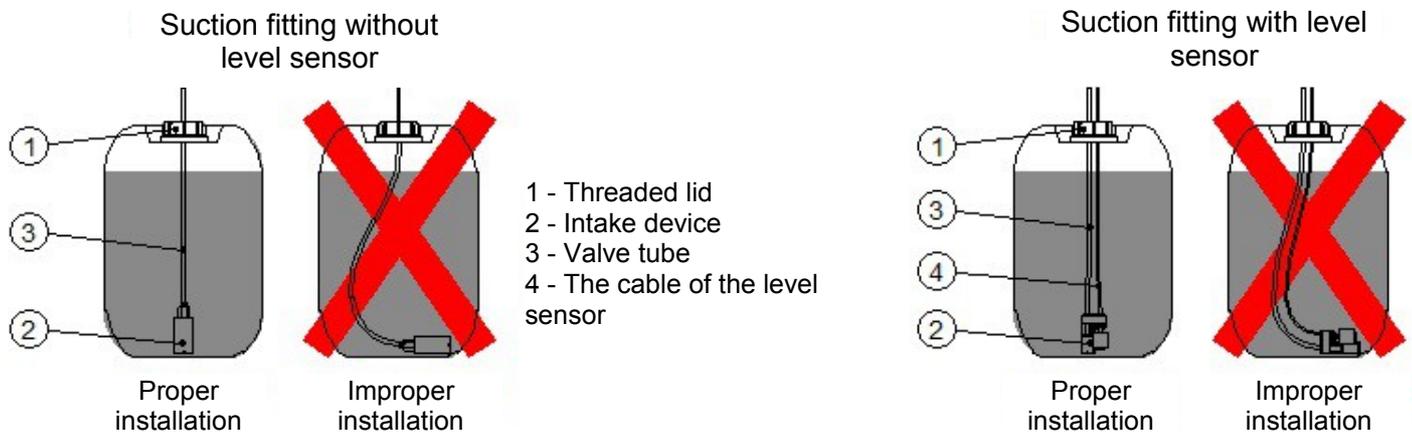


Figure: 4.2-11 Installation of the pump suction fitting into the supply canister

The suction fittings, which are equipped with Crystal stations, have a black lid that fits most reagent canisters, so the lid is removed from the canister, and our black lid with the suction fittings is mounted in its place. Holes of a certain diameter are made in it, allowing the suction tube (and the wire of the level sensor) to move with an interference fit, this allows them to be fixed at the desired height, namely: 1-2 cm from the bottom of the canister.

If our black lid does not fit the canister, and this can happen, then holes must be made in the canister lid: Ø6mm for the suction tube and 5mm for the level sensor wire, while retaining the outlet valve available on the lid.

If, at the moment, you do not have a drill of the required diameters, for example, you have only 8mm diameter, then you can use a plastic collar (tie), which is fixed on the suction tube on top of the lid and allows you to hold the suction fitting at the required height.

When ordering stations we draw your attention at the following:

The standard configuration of the Crystal P station (with peristaltic pumps) includes a suction valve without a level sensor and a check valve, art.03-24-101-00.

The standard configuration of the Crystal M stations (with diaphragm pumps) and Crystal 4-20 (formerly called Crystal) includes a suction valve with a check valve, art.03-24-104-00.

If you plan to control the level of reagents in canisters automatically by the station, then you must additionally specify one of the suction fittings in the order:

Suction valve with level sensor, art. 03-24-103-00 or

Suction valve with level sensor and a check valve, art. 03-24-105-00.

In this case, in the invoice, we deduct the cost of the standard suction fittings that come with the station (so that there is no double payment).

The coagulant dosing unit and the algicide dosing unit are typically equipped with suction fittings with a level sensor, art. 03-24-103-00.

Best regards, DARIN