

3S Reagents compatible with Metrohm's OMNIS titration platform

This short guide is intended to give instructions for opening a 3S reagent bottle and connect it to the Metrohm Omnis titrator. It also describes how to fill the integrated cartridge with absorber material.

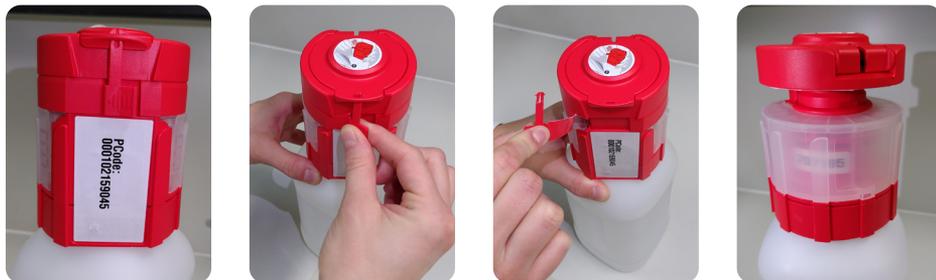
Safe chemical handling: minimized risk of contamination through contact-free reagent exchange

Smart connection of chemical consumables: communication between the 3S cap and instrument software via RFID with a visual status indicator on the system

Secure information transfer: Direct RFID-based transfer of reagent data to instrument software for elimination of human error

How to open a 3S reagent bottle

Remove originality ring completely.



Open membrane by pressing down firmly (with snap-on lid closed and cartridge inserted).



ATTENTION: The upper part of the cap must be completely pressed down, with a strong push. Make sure there is no gap between the transparent cartridge and the upper part of the cap (see green arrow).

CO₂-sensitive reagents are delivered with a separate cartridge filled with fresh soda lime. Remove originality tape and insert the filled cartridge (incl. lid) into the 3S cap before carrying out the opening procedure of the bottle.

How to connect the 3S reagent to the Omnis instrument

Open the snap-on lid and connect to the liquid adapter of the Metrohm Omnis instrument with a light single hand movement. See also our instructional video on SigmaAldrich.com/3S



How to fill the cartridge with absorber material

(e.g. for CO₂-sensitive reagents)

- Remove the cartridge from the cap and open the lid.
- Fill cartridge with absorber material (up to "Fill level" mark).
- Close the lid on the cartridge and insert back into the cap.



For more information, visit SigmaAldrich.com/3S and watch our instructional video.

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