

Customer information

Version 1

Instruction TIC-Ex Compact Upgrade Kit (REF 916979) for NANOCOLOR TIC-Ex (REF 916993)

The NANOCOLOR TIC-Ex for TOC determination is designed for the efficient and time-saving removal of inorganic carbon from samples for use with MACHEREY-NAGEL NANOCOLOR TOC tube tests. The device is also fully compatible with the TOC 30 Compact (REF 985039) and TOC 300 Compact (REF 985077) tests introduced in September 2026.

The upgrade kit (REF 916979) includes a cuvette holder optimized for the height of the TOC Compact cuvettes as well as a thicker ejector plate. These modifications ensure continued convenient, contact-free removal of the new pipette tips.

While these adaptations provide optimal handling of the TIC stripping cuvettes used with the TOC Compact tests, the upgrade kit is not mandatory for performing TIC removal with the TOC 30 Compact and TOC 300 Compact tests.

The installation procedure is described below.

I. Replacing the Cuvette Holder

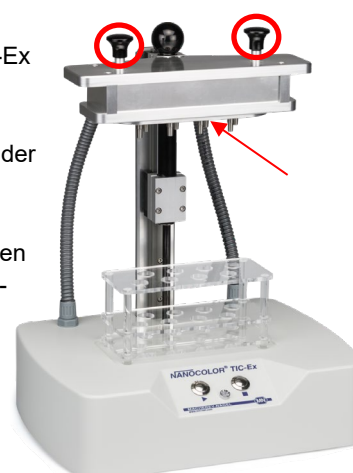
The cuvette holder included in the upgrade kit (REF 916979) directly replaces the existing cuvette holder and can be exchanged without any additional modifications.

II. Replacing the Ejector Plate

The new ejector plate has an increased thickness to ensure reliable operation of the tip ejection mechanism when using the new pipette tips.

To replace the ejector plate, proceed as follows:

1. Unscrew and remove the two black ejector buttons located on the top of the TIC-Ex head to expose the threaded spindles underneath (see photo, red circles).
2. Simultaneously rotate the two exposed threaded spindles of the ejector plate holder counterclockwise until the ejector plate is released (see photo, red arrow).
3. Position the new ejector plate (thickness = 10 mm) onto the holder from below. Then rotate both threaded spindles clockwise until the ejector plate sits flush against the TIC-Ex head. Finally, reinstall the two black ejector buttons.



Contact

If you have further questions, please do not hesitate to contact us:

Technical support and customer service:	Tel.:	+49 24 21 969-333
	E-Mail:	support@mn-net.com
For orders (international)	E-Mail:	sales@mn-net.com