

Product Note M184 - 07/19

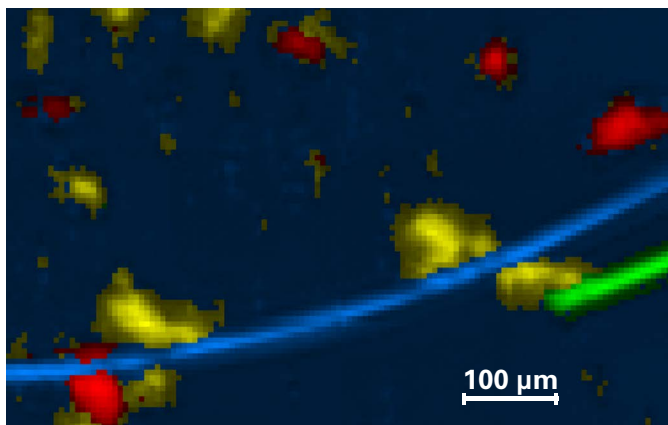
A165-MP Filtration Set for Microplastic Analysis and Sample Preparation



Get your microplastic analysis started

Bruker has put together a package for anyone who wants to start examining microplastic particles in transmission using FTIR single point measurement or imaging.

The set provides you with the basics for microplastic analysis, and can easily be extended with additional equipment over time to meet your needs (bigger flask, new filters, etc.)



The image above shows an FTIR image of fibers and particles on a filter, recorded with the LUMOS Imaging microscope. Each color represents a different type of polymer.

Accessories and Options

The filtration set includes:

- 25 mm glass frit with cylinder
- Metal hand clamp and rubber stopper
- 100 mL filter flask (Büchner flask)
- 25 mm filters (alumina, 50 pcs) with support ring

Recommended optional accessories

- A116 vacuum pump for filter flask
- A510-H filter holder with clip holder

Carefully selected equipment

It contains the necessary IR-transparent filters (aluminium oxide, 25 mm, 0.2 μm pore size) as well as the necessary glass equipment for the filtration. This includes a glass frit, a cylinder, a rubber stopper and a metal hand clamp.

Additionally, a compact vacuum pump and a practical filter holder are available to get the freshly prepared sample safe and sound to the microscope.