

Liquid Drawer

Flow cell integrated in SpectraAnalyzer drawer unit for applications with low viscosity liquids. Dedicated to applications with liquid products such as alcohol, sugar in wine, spirits, vinegar, beer etc., total nitrogen in soy sauce and many more. The flow cell can be thermostated and is available with fixed or variable pathlengths. The SpectraAnalyzer can be easily upgraded with the Liquid Drawer to enhance its field of applications.

- for low to medium viscosity liquid samples (e.g. wine, soy sauce, oil)
- temperature controlled sample chamber
- long-living, non-abrasive, gold coated reflector
- available with variable or fixed pathlengths
- optimised sample chamber geometry for perfect flow and prevention of fouling
- easy to disassemble and clean with excellent optical pathlength reproducibility
- SpectraAnalyzer can be easily retrofitted with Liquid Drawer by user

SpectraAnalyzer

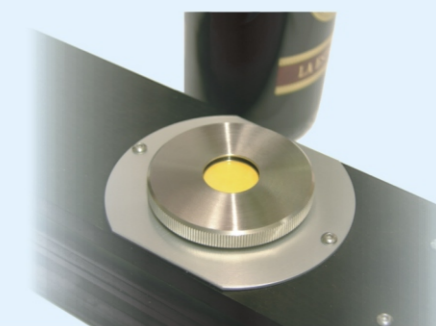


ACCESSORIES

In order to connect the Liquid Drawer to the sample loop and connect a thermostating liquid loop to the liquid cell, the Liquid Drawer is equipped with four ports. The supplied silicon tubing can be used for all ports to connect the corresponding sample and cooling/heating medium.

Scope of supply:

- one Liquid Drawer with Liquid Cell
- four silicon-tubing, 1000 mm
- spare o-ring sealing



Technical Data

One open sample loop (thermostated open loop with optional "FluiDrive")

One open cooling/heating loop (thermostated closed loop with optional "FluiDrive")

Pressure, max.: 300 kPa

Temperature, max.: 100 °C

Pathlength, variable: 0 - 800 µm

Pathlength, fixed optional: 200 µm and 800 µm (specify on order)

Reflector: long-living, non-abrasive, gold coated

Flow cell: stainless steel

Window: quartz

O-Ring sealing: resistant against sample substances used in standard applications, special o-ring materials on request

Order No.:

- Liquid Drawer, variable path length 10220
- Liquid Drawer, fixed path length 200 µm 10221
- Liquid Drawer, fixed path length 800 µm 10222

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