

# Liquid handling accessories



**ZEUTEC**

**made  
in  
Germany**

## SYRINGE

To measure liquids in the liquid drawer of a SpectraAlyzer 2.0, the easiest way to inject the sample is the use of a syringe with luer connections.

### Technical data

Filling capacity:	20 ml
Sample temperature range:	0 °C - 65 °C
Connection:	Luer



## AUTOSAMPLER 2.0

The ZEUTEC AutoSampler 2.0 is used in combination with the Liquid Drawer. This autosampler has a compact design with an integrated peristaltic pump head. Interface and power connectors are mounted on the rear panel. Due to its small size this autosampler can be placed on the lab bench beside the SpectraAlyzer 2.0 instrument or even on top of the instrument for better accessibility. Up to 32 samples can be presented on one rack. The whole setup of the autosampler run is controlled by means of the SpectraAlyzer 2.0 user interface.

### Technical data

Input voltage:	100-240, 50/60 Hz
Output:	12 VDC / 5000 mA
Plug:	DC 5.5 x 2.1
Max. samples per rack:	32
Dimensions sample tubes:	Ø 16 mm x 100 mm, approx. 12 ml
Sample temperature range:	0 °C - 65 °C
Connections:	USB (remote control), power in (12 VDC), controlled by SpectraAlyzer 2.0
Weight:	4,7 kg
Dimensions:	288 x 190 x 400 mm
Integrated peristaltic pump:	Max. speed 190 rpm
Tubing Inner diameter:	between 0.5 mm and 4.8 mm; 1.6 mm wall thickness, continuous tubing;
Approximate motor life time:	Up to 3000 h



## PERISTALTIC PUMP

The ZEUTEC Single Peristaltic Pump is used in combination with the Liquid Drawer. Due to its small size the pump can be placed on the lab bench beside the SpectraAnalyzer 2.0 or even on top of the instrument for better accessibility.

### Technical data

Input voltage:	100-240, 50/60 Hz
Output:	12 VDC / 1000 mA
Plug:	DC 5.5 x 2.1
Type:	Single channel peristaltic pump
Max. speed:	190 rpm
Tubing Inner diameter:	between 0.5 mm and 4.8 mm; 1.6 mm wall thickness, continuous tubing
Approximate motor life time:	Up to 3000 h
Sample temperature range:	0 °C - 65 °C
Connections:	USB (remote control), power in (12 VDC), push button for direct control (flush)
Weight:	1 kg
Dimensions:	150 x 250 x 90 mm

## AUTOSAMPLER 180

The AutoSampler 180 is coming as 2 sample rack version. It is the biggest autosampler in ZEUTEC's accessory range, which is a compact workhorse for those looking for an autosampler to handle typically 100 – 180 samples in one run.

Note that this autosampler is only operational with an additional pump and a special version of Application work is required. Please contact ZEUTEC for detailed information.

### Technical data

Power input:	85 -264 VAC, 49 – 61 Hz, 1.2 A
Communication:	1 x RS232, 1 x RS485, 1 x relay contact, USB optional
Weight:	12 kg
Dimensions:	415 mm x 265 mm x 435 mm
Sample racks:	90 position x 13 mm OD; 60 position x 16 mm OD; 40 position x 20 mm OD; 4 position x 25 mm OD; 21 position x 30 mm OD
Maximum vial height:	125 mm



# Accessories list

Product name	Scope of supply	Item no.
Syringe	Tubing set basic, including 2x syringe 20 ml Luer	196-B0001-1
Pump	Peristaltic pump	104-A100-1
	Power supply	
	USB cable	
	Tubing set - pump	
Autosampler 2.0	Autosampler 32	103-A100-1
	Power supply	
	USB cable	
	Tubing set autosampler	196-B005-1
	Rack32	
Autosampler 180	8x tubes à 12 ml	103-00033
	Autosampler 180	10227
	Rack: 2x60 à 12 ml (a pump is required additionally)	

## ZEUTEC Opto-Elektronik GmbH

Friedrich-Voß-Straße 11  
24768 Rendsburg  
Germany

(+49) 4331 - 136650  
moreinfo@zeutec.de  
www.spectraalyzer.com

**ZEUTEC**