Overview power plugs and interfaces

1. Allocation of power plug types to devices

Every device is supplied with a power plug of the AZURA® series (cold-device plug) in the suitable country-specific version.

1.1 Overview of country-specific power plugs, routers and switches

If no suitable adapter is available for a specific country, contact the responsible distributor: www.knauer.net/en/Support/Distributors-worldwide

Power plugs/routers/switches	Article no. USA	Article no. UK	Article no. Switzerland	Article no. Europe	Article no. Argentina	Article no. China	Article no Australia
Power plug AZURA® series (cold-device plug)	M1651	M1278	M1597	M1642	M3233	M3381	M3439
Power plug Smartline series	M1279	M1277	M1479-1	M1479	-	-	-
Router (power plug incl.):	A64809INT	A64809INT	-	A64809	-	-	-
▪ MikroTik	M1651	M1278	M1597	M1642	M3233	M3381	M3439
▪ NetGear, D-Link	Adapter: M0447V2	Adapter: M0447V1					
Switch (power plug incl.):							
▪ Switch 8x LAN	A3119INT Adapter: M0447V2	A3119INT Adapter: M0447V1	-	A3119	-	-	-
▪ Switch 16x LAN	A3129INT Adapter: M0447V2	A3129INT Adapter: M0447V1	-	A3129	-	-	-

ℹ️ **| Note:** To connect multiple devices, we provide a special power plug for up to four AZURA® devices (Europe), article no. A12345.

1.2 Exceptions of allocation

Device	Power plug type
■ BlueShadow Pump 40 P ■ BlueShadow Detector 40D/50D ■ Smartline Degasser (article no. A5328) ■ Osmometer	Smartline series (see table in chapter 1.1)
■ Router ■ Switch	Power plug is supplied. For outside Europe, a suitable adapter or cable is supplied (see table in chapter 1.1).
■ Degasser (article no. AZE03, AZE03-1, AZE02-1)	Power plug is supplied for US, UK, Europe, Australia.
■ Pressure control (article no. AZG10) ■ Pressure sensor (article no. AZG10-1) ■ Airsensor (article no. A70092, A70093, A70082) ■ Interface Box (article no. AZB00XA)	Power distributor (article no. AZS80SA) and accessories kit with 1x power plug (article no. F1518) is needed. The distributor can provide power for up to 6 devices. Only one power distributor per system is required. Power plug for China or Australia: ■ Article no. M3027D (China) ■ Article no. M3027C (Australia)
■ Tablet for Mobile Control	The tablet includes an european power plug.

2. Allocation interfaces to devices

Currently, desktop PCs from KNAUER have one serial interface (RS-232, DE9). If more than one device with a serial interface has to be connected, install an additional serial interface for the computer. Nearly all laptops have no serial interface. Therfore, in general a serial interface has to be installed.

To operate the following devices, use the USB to serial adapter (article no. A3108) for a single device (also works with Shimadzu RF-20A/Axs), or the USB 4COM (article no. A3114) for more than one device:

- Sedex 85 LT
- Shimadzu RF-20A/Axs
- Bronkhorst Flowmeter
- GJC Flowmeter
- Chiralyser-MP
- GABI* Gamma Spectrometer
- Osmometer (only with software)

ℹ **Note:** If the tablet for Mobile Control should be connected via LAN and not via WLAN, the USB-to-LAN Adapter (article no. A96181) is required. You find the driver on the KNAUER website: www.knauer.net/en/usb-lan-adapter.

Appendix: Detailed overview of devices by power plug type

Power plug AZURA® series (cold-device plug)

All devices of AZURA® series

PCs and monitors

Preparative pumps BlueShadow 80P (article no. APD20xx)

Micro devices
- BlueShadow Pump 10P/20P
- BlueShadow Detector 10D
- Degasser 20DG (article no. AZE02)

Detectors
- RF20A (article no. A59200)
- RF20AXS, CBM-20A (article no. A59201)
- Gabi Star
- HERM flumo, HERM LB500
- Sedex85LT, Sedex90LT, Sedex100LT, Sedex LC (article no. A0754-x)
- CHIRALYSER-MP

Autosampler

AZURA® Column Thermostat CT 2.1 (article no. ATC00)

Fraction collectors
- Foxy® R1/R2 (article no. A59100/A59102/A591021)
- LABOCOL Vario-4000 (article no. A591022/ A591024)

Liquid Handler
- Liquid Handler LH 2.1 (article no. A5080)
- Liquid Handler LH 8.1

External pressure sensor (article no. AZG10-2)

Power plug Smartline series

Analytical Pumps 40P (article no. APC30xx)

Detectors
- UV Detector 40D
- UV Detector 50D

Smartline Degasser (article no. A5328)

Osmometers

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