

Compat ella®

PDMS Cable

The Compat Ella® PDMS Cable enables the connection of Compat Ella® to Patient Data Management Systems (PDMS)* in order to **help visualise the impact of the prescribed nutrition therapy** and help to improve **patients' nutritional status** in ICU patients.

Features at a glance

Allows physical connection to PDMS in order to enable the tracking of key information such as rate and volume given via the PDMS.

- **Serial connection:** Enables connection by converting therapy information from pump to standard serial format
- **Stream therapy data** at regular intervals with alarms (including warnings and malfunctions) sent as they occur

Compatibility:

Compat Ella® is "PDMS-friendly": it can send readable data through a third party system. The list of PDMS is available upon request.

Data available from the pump

- Therapy Rate
- Therapy Dose
- Therapy Volume Delivered
- Pump Mode (Off, Standby, Pause, Priming, Run, Continuous, Run Interval)
- Interval Mode (On/Off)
- Bolus Dose
- Interval Time
- Time to End
- Time to End Bolus
- Time to Next Bolus
- Warning
- Alarm
- Malfunction

Additional communication notes

- Compat Ella® emits data only. No control of the pump is possible via PDMS.
- Data is updated at regular intervals (1 minute**) and when Compat Ella® is stopped/started.
- PDMS software functionality does not allow for the PDMS & Nurse call to be simultaneously functional.
- When connected to PDMS (or Nurse Call) pump alarm functionality is unchanged. Alarms are only logged on the PDMS system as stoppages, but no alarm functionality is programmed into the PDMS.

Ordering Information

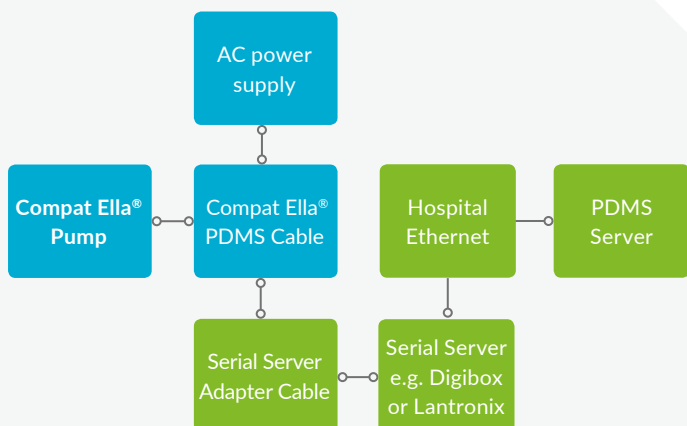
Product Name	Product Code	Qty/Box
Compat Ella® PDMS Cable	12277770	1

*also called Clinical Information Systems (CIS)
** the PDMS system may display at different intervals

Dependable Enteral Access

Compat Ella® PDMS Cable

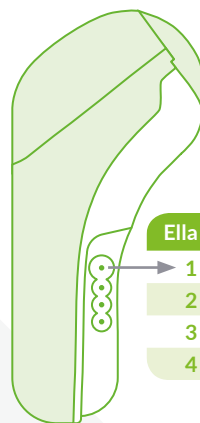
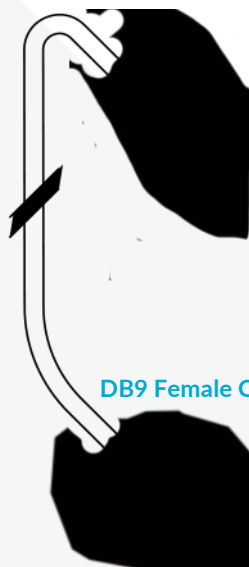
Most Common Setup



Legend:
■ Nestlé Health Science
■ Third Parties

Compat Ella® Pump (B)

Pump Connector (A)



Ella Pin	Function	DB9 pin
1	Power	
2	GND	5
3	RX / RIN	3
4	TX / DOUT	2

DB9 Female Connector (C)



Hardware Overview

Compat Ella® Pump:

- Sends nutritional therapy data to PDMS every 1 minute**
- Communication mode on Compat Ella® must be set to "PDMS" in advanced settings

Compat Ella® PDMS cable:

- Includes Compat Ella® AC power piggy-back connector (A)
- Includes PDMS male connector compatible with Compat Ella® pump (B)
- Includes DB9 female connector with active pins 2, 3 and 5 (C)
- Converts pump data to standard serial format i.e. logic-level signals to signals conforming to 3-wire RS-232 standard (performed by included MAX3321E RS-232 line driver / receiver)

Communication Parameters:

Protocol:	RS232	Data Bits:	8
Baud Rate:	115200***	Stop Bits:	1
Parity:	None	Flow control:	None

Power Adapter:

- Must be plugged in for PDMS to function
- Powers the Compat Ella® PDMS cable

Serial Server Adapter cable:

- Adapts Compat Ella® PDMS cable connector to serial server connection eg. Compat Ella® DB9 Female to Serial Server RJ45 (not included)

Serial Server:

- Converts data from RS-232 to Ethernet (not included)

PDMS server:

- Includes PDMS software and is connected to the hospital network (not included)
- Includes custom drivers used to translate data from pump to data usable by PDMS system (not included)

Specifications

Packing:	1 piece per case (125 x 130 x 85 mm)
Storage:	Store at room temperature. Keep away from sunlight and humidity.
Cable length:	200 cm
IPX rating:	IPX1
CE Mark:	Complies with the European Medical Device Directive 93/42 EEC.

Legal manufacturer: Axium MTech S.A., Allée de la Petite Prairie 4, CH-1260 Nyon, Switzerland.

Country of origin: Made in China.

** the PDMS system may display at different intervals
 ***lower baud rates will be available in the future

To obtain further information please contact your Compat® representative or go to www.compat.com
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