

## Data sheet Base Intensive



**The solution for critical care  
IV drugs administration.**

- Dedicated catecholamines administration mode.
- Advanced drug library and medication safety.



**FRESENIUS  
KABI**

caring for life

# BASE INTENSIVE

## INFUSION DATA MANAGEMENT

CARE PROVIDER DATA	Hospital's name, ward's name, free space for other information.
PATIENT DATA	Patient name, first name, ID number, bed number. Weight: from 500 g to 250 kg / age: 0 - 23 months up to 150 years / sex / height / body surface / Body Mass Index (BMI).
HISTORY RECORD	Flow rate and volume graphic displayed by drug on a 24 hours window adjustable from 4 up to 96 hours, with the possibility to define display start or end date. Drug infused daily summary report. Extensive time tempered event log by drug.
FLUID-BALANCE MEMORISATION OF 24 BALANCES FOR 96 HOURS.	Input / output calculation. With Base Intensive: from 1 to 8 Modules (any combination of Module DPS with Module MVP). Option: with Base Intensive connectable to Base A: up to 16 Modules (any combination of Module DPS with Module MVP).
DIRECT PRINT OUT	Programming and infusion screens, trends, events, status.
DATA ENTRY AND SUPERVISION	Coloured display and rotary knob. 8 channels ongoing infusion therapy status, permanently displayed. Direct access key to channel detailed data. Vigilant Barcode reader (optional).
COMMUNICATION INTERFACE	1 Insulated RS232 output serial connector for data exchange to PDMS or printer. 2 Non insulated RS232 input/output serial connector for Base A and DPS/MVP modules data exchange. Ethernet network connexion through specific insulated cable for Vigilant Supervision.

## INFUSION MANAGEMENT

AUTOMATIC 2 CHANNELS RELAY	Coupling mode for Module DPS to preserve infusion continuity for short acting drugs.
DRUG LIBRARY ACCESS FOR MODULE DPS	List of 150 drugs, pre-defined protocols with default, minimum and maximum values for the rate, the concentration, the bolus dose and the loading dose. Possibility to enter specific comments. PC configuration software: Vigilant Drug'Lib.
ADDITIONAL INFUSION MODES FOR MODULE DPS	Pre-programmed bolus. Loading dose + maintenance.
MODULE DPS PROGRAMMING	ml/h. Dose rate: • Rate units: in ng, µg, mg, mU, µU, U, ml, per hour or minute ; weight pondered or not. • Concentration units: U/ml, ng/ml, µg/ml, mg/ml (from 1 ng/ml to 99 mg/ml) (from 0,001 U to 1000 U/ml). • Bolus units: in ng, µg, mg, g, nU, µU, mU, U, ml, weight pondered or not.
MODULE DPS PRESSURE MONITORING	Infusion pressure trends. Occlusion pressure alarm and pre-alarm adjustment.
INFUSION CONTROL ALARMS	Alarms and pre-alarms due to infusion dysfunction. Two channels relay pre-alarm. Module disconnection.
TECHNICAL ALARMS	Mains supply alarm, battery alarm. Functioning light for external communication. RS232 interface alarm, network problem, overload. Technical malfunction alarm.

## TECHNICAL SPECIFICATIONS

MAINS SUPPLY	From 95 to 240 Vac - 50/60 Hz.
BATTERY	Lead battery 1.1/1.2 Ah - 1 hour minimum autonomy.
DIMENSIONS / WEIGHT	H 7,5 x W 32 x D 30 cm / ~ 2,6 kg.
COMPLIANCE, STANDARDS	Complies with the 93/42 EEC: European Medical Device Directive. EN60601-1, EN60601-1-1, EN60601-1-2, EN60601-1-4 and EN60601-2-24.
CONFIGURATION	PC configuration tools.
WATERPROOFNESS	Protection against splashing liquid: IP 34.
ELECTRICAL SAFETY	Protection against leakage current: type CF equipment. Protection against electric shocks: class II equipment.

## Orchestra

Infusion Workstation composed of Bases and Infusion Modules adapted to every clinical practice.

**Module DPS**  
Modular Syringe Pump



**Module DPS Visio**  
Modular Syringe Pump



**Module MVP**  
Modular Volumetric Pump



**Base A**  
Data concentrator



**Base Intensive**  
Unique 2 channel relay function, Customised drug library, Infusion history management.



**Base Primea**  
Simultaneous control of both hypnotic and analgesic effects in TCI.



**Orchestra Mobile stand**  
Whatever may be the architecture of your department, Orchestra Mobile Stand provides the choice of customised accessories.



**Disposables**  
A wide range for use with Module DPS and Module MVP. Catalogue is available from our Customer Service.

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Due to our policy of continuous product development as well as changes in standards, the features described are subject to change. Please contact us for current situation.

### Manufacturer:

Fresenius Vial S. A. S.  
Le Grand Chemin  
38590 Brézins  
France  
Tel.: +33 (0)4 76 67 10 10  
Fax: +33 (0)4 76 67 11 34

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