



ORDER GUIDE

Disposable sets

CODE	DESCRIPTION	No. pcs/package	CODE	DESCRIPTION	No. pcs/package
Disposable sets					
04162M	cod. 740-E/55 Wash set	6	04051	cod. 712 TOP Collection set cardio	4
04163M	cod. 740-E/125 Wash set	6	04116	BT894 ATS Reservoir 4lt TOP	6
04164M	cod. 740-E/175 Wash set	6	04028	code131E Vacuum line Electa	10
04165M	cod. 740-E/225 Wash set	6	04137	BT 036 Aspiration line	10
04167M	cod. 745-E/55 Autotransfusion Kit	3	04133	BT 074 code134 Cardio set	12
04168M	cod. 745-E/125 Autotransfusion Kit	3	04025	cod. 150 Blood Components collection set	8
04169M	cod. 745-E/175 Autotransfusion Kit	3	04166	cod. 151/E Blood Components collection set with direct draw	4
04170M	cod. 745-E/225 Autotransfusion Kit	3	04152	BT 845 Fluid collection bag (45 cm)	12

Accessories and optional devices for Electa

60799	Printer cartridge & paper roll kit	1+4	09085	40 micron Goccia Micro filter	25
04108	Holder for BT894	1	09088	40 micron Goccia Micro with infusion set	25
31883	BT 844 Holder for Electa	1			
60119	VAC - GARD vacuum filter	1			
60838	USB Memory Stick Electa	1			

SPECIFICATIONS AND TECHNICAL FEATURES

Technical features

PROTECTION	IPX 1	
ELECTRICAL SAFETY	Class I, Type BF (EN 60601.1 Ed. 1996)	
FUSES	2x13.15 A external (replaceable)	
MAX. POWER ABSORPTION	345 VA	
MAX. RATED CURRENT	1,5 A - 230 V- 3,0 A - 115 V-	
FREQUENCY	47 ÷ 63 Hz	
POWER SUPPLY	90 ÷ 255 V-	
KEYBOARD	6 hard keys 8 soft keys	
DISPLAY	TYPE: graphic colour LCD DIMENSIONS: 115,8 x 86,4 mm (displaying area) 161,1 x 180 mm (external) digital and graphic mode	
PHYSICAL	DISPLAYING: Height 600 mm (980 mm*) - pole lowered MAX DIMENSIONS: Height 1620 mm (2000 mm*) - pole lifted Height 740 mm (1120mm*) - display lifted Width 270 mm (400 mm**) Depth 585 mm (735 mm**)	
	UNIT WEIGHT: 33,5 Kg	* With cart
	CART WEIGHT: 23 Kg	** With transport handle
POWER CORD	SECTION: 3X1 mm 2 (detachable)	
	LENGTH: 4 m	
SOCKET ON CORD	TYPE: EN 60320/C13 10 A	
PLUG ON CORD	TYPE: CEE (7) VII 16A	

Operating features

ROLLER PUMP	25 - 1000 ml/min (steps of 25 ml/min) intraoperative (all phases) 25 - 1000 ml/min (steps of 25 ml/min) preoperative (only in EMPTY) 10 - 100 ml/min (steps of 10 ml/min) preoperative in PRIME and SPILL
CENTRIFUGE SPEED	1500 - 5600 rpm (not programmable) - intraoperative 1500 - 5600 rpm (100 rpm steps) - preoperative PPP 2400 - 5600 rpm (100 rpm steps) - preoperative PRP1 and PRP2
VACUUM PUMP OPTIONAL	RANGE OF INTERVENTION: 0-300 mmHg (step of 10 or 50 mmHg)
DATA RETENTION	TYPE: non rechargeable battery power DURATION: 10 years



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Your Autotransfusion Concept



From its introduction in 2001, Electa has become the reference point in autotransfusion, due to the widest and most comprehensive set of features available.

As a result of the partnership with the "hands on" operators dealing with blood saving techniques and of our commitment to continuous innovation we have increased the capabilities of the Electa by means of a new software version: Electa Concept.

Electa Concept introduces a new perspective, providing solutions that better address your needs and preferences.



A new "concept" of Autotransfusion, *YOURS*



ONE SYSTEM for all surgeries

AUTOTRANSFUSION: THE BEST ALTERNATIVE TO HOMOLOGOUS BLOOD

Concerns related to homologous blood:

- Limited availability
- Potential safety issues
- Rising costs
- Stored Red Blood Cells (RBCs)

Benefits related to autologous blood :

- Available when needed
- Safe for the patient
- Cost-effective for the hospital
- Fresh vital RBCs

Autologous blood represents the safest, always available, cost-effective alternative to homologous blood



DIFFERENT SURGERIES, DIFFERENT NEEDS. ONE SYSTEM.

BT55: THE IDEAL SOLUTION FOR LOW BLEEDING

- The Latham bowl with the smallest ECC volume
- Only 30-35 ml of RBCs required to get a clinically significant volume of salvaged blood
- Ideal for low bleeding orthopedic surgery
- Ideal for pediatric patients in all surgeries



SOLUTIONS FOR NON CARDIAC SURGERY

- Simple for everybody through essential functionality
- Completely automatic processing, ensuring optimized performance
- Complete bowl range for all applications
- Dedicated collecting kit/accessories for non cardiac applications
- System ideal for intra and post operative phases in orthopedic surgery
- System ideal for vascular, obstetric, trauma, and several other surgical applications

SOLUTIONS FOR CARDIAC SURGERY

- Optimized performance at high processing speed
- From completely automatic processing to manual control
- Emergency mode with no wash option
- Advanced functionality with quality control and data management
- Complete bowl range for all applications and all patients
- Complete solution for Platelet gel: automated PRP/PPP protocols & autologous thrombin kit
- Dedicated collecting kit/accessories for cardiac applications



EASY handling



EASY SET UP

- "TOP OUTLET" configuration allows safe and fast reservoir set up
- Ergonomic tray holder simplifies disposable set up
- Cassette organizer guarantees fast, easy and safe tubing set up
- Automatic pump loading, and bowl size recognition minimize set up manoeuvres



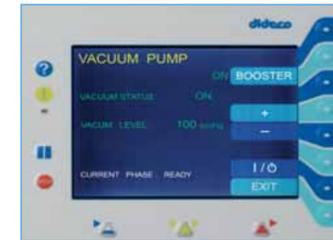
EASY USER INTERFACE

- 16 colours display with high visibility and easy access to functions
- Detailed, clear warning messages with troubleshooting
- Help messages providing additional information



ON-BOARD VACUUM PUMP

- Direct control through display
- High vacuum range for both intra and post op phases
- Wake up vacuum level



HIGH MANOEUVRABILITY

- Easy to move from operating theatre to recovery room
- Slim shape, compact size and low weight
- Integrated reservoir and I.V. poles
- Detachable cart with storage space

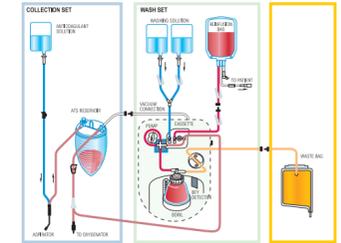


DISPOSABLE sets



AUTOTRANSFUSION PROCEDURES (ATS)

- Complete ATS kits
- Modular collection sets and wash sets
- BT894 4 litres ATS reservoir with 40µm filtering system
- Wash sets with 4 bowls available
- Full set of accessories: collection bags, micro-aggregate filters, lines

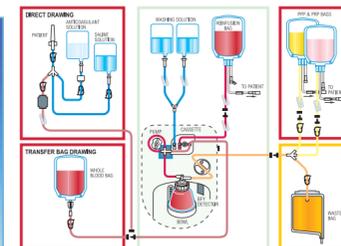


The blood lost by the patient during the course of surgery is aspirated from the field and anticoagulated, then filtered and collected in the reservoir. It is then sent to the bowl by means of a peristaltic pump. Thanks to a fully automatic procedure, the RBC are concentrated in the bowl and then washed with physiological solution and made available to a high HCT for reinfusion to the patient. All the undesired elements such as FFP-I, anticoagulant and activated coagulation factors are removed during the washing phase.



SEQUESTRATION PROCEDURES (SEQ)

- Transfer bag or direct drawing technique
- Dedicated accessory set for sequestration
- Same wash set used for ATS and SEQ procedure

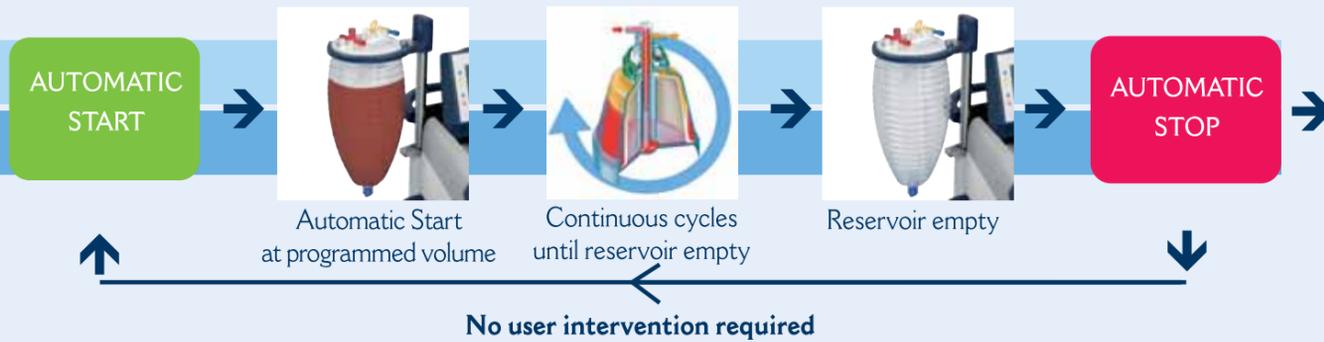


The patient blood collected in advance in a transfer bag in the immediate preoperative phase or obtained by means of direct drawing from the patient is sent to the bowl by means of the peristaltic pump. In the bowl the blood is separated into its components: PPP, PLT and RBC, through an automatic procedure. The RBC may be reinfused immediately, while the PPP and PLT are preserved to be reinfused at the end of the operation in order to allow restoring the haemocoagulative condition of the patient. The platelet concentrate can moreover be used for production of PLT-GEL. The wash set used for the sequestration procedure will be used for the subsequent recovery and washing procedure in the intraoperative phase.

Only ONE TOUCH from the start to the end of the procedure



ONE TOUCH



Completely automatic processing



LAST BOWL

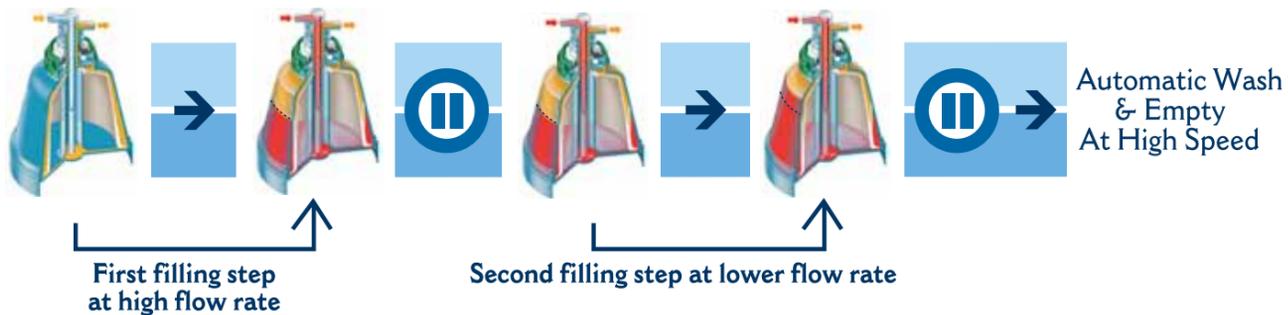


Automatic end of procedure

OPTIMIZED QUALITY at high processing speed



POPT: OPTIMAL PERFORMANCE



EMERGENCY FUNCTION

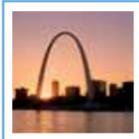


- High speed protocol with completely automatic processing
- High performance, also in emergency
- Easy access from all screens, through dedicated key
- No wash option available

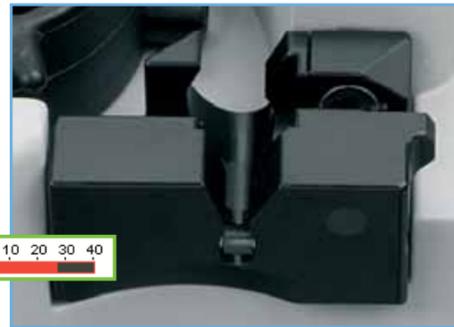
- The new Popt program guarantees consistent and optimized performance
- Automatic filling rate adjustment provides consistent high Hct in all operational conditions
- Specialized multipoint CCD buffy-coat sensor drives optimal bowl filling level
- Optimized flow rates during wash and empty phases allow high supernatant removal and excellent RBCs recovery in minimal time



QUALITY CONTROL and DATA MANAGEMENT

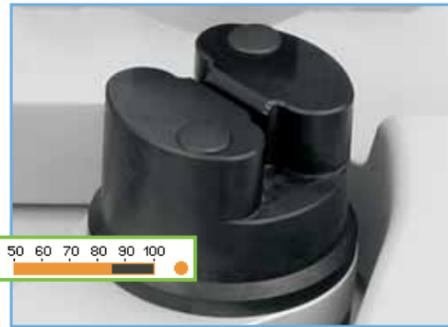


UNIQUE QUALITY CONTROL INDICATIONS



Hct indicator

- Continuous indication on display
- Inlet Hct indication during the filling phase
- Outlet Hct indication during the empty phases
- High measurement accuracy
- Indications available on data management reports



Wash quality indicator

- Continuous indication on display during the wash phase
- Free plasma haemoglobin (FPH) and plasmatic components removal indication
- Effluent line transparency indication
- Indications available on data management reports
- Automated wash quality warnings



INNOVATIVE DATA MANAGEMENT SYSTEM



New USB port

- Easy, fast and safe data download
- All patients data transferred in less than one minute
- Easy transfer to Electa DBM software



Integrated printer

- Permanent print out (non thermal printer)
- Extremely easy to use, ensuring complete traceability
- Reports in language immediately available

Unique Electa Data Base Manager Software (Electa DBM)

- Graphs and statistical analysis
- Database in different language
- Data storage on PC for complete traceability
- Possibility to export data to Microsoft® Office Excel and Access

TAILORED features set



FULL-OPTION AUTOTRANSFUSION SYSTEM

Advanced Features

- Completely automatic processing
- Optimized performance
- Several ATS & SEQ programs
- Quality control and data management

EXPERT

Semi-Auto & Manual mode

ATS & SEQ programs

No Wash Option

USB port

Printer

Wash quality detector

Hct detector

Emergency mode

I Touch mode

BASIC

Essential features

- Completely automatic processing
- Optimized performance
- Only one ATS program
- Simplified user interface

Tailored Features



TAILORED CONFIGURATION, YOURS

ENABLING FEATURES

BASIC = Essential features

EXPERT = Advanced features

DISABLING FEATURES



4 BOWL SIZES: FROM LOW TO HIGH BLEEDING APPLICATIONS



BOWL	IDEAL APPLICATIONS (based on bowl volume)
BT 55	orthopedic, pediatric, PRP/PPP, obstetrics
BT 125	orthopedic, obstetrics, cardiac off pump, mini-bypass, PRP/PPP
BT 175	cardiac on pump, cardiac off pump, vascular, trauma
BT 225	cardiac on pump, vascular, emergency, transplants, trauma