TSC (Technical Safety Check)

Version 1TSC

Service Protocol Technical Safety Check – Every 24 Months

Unit: Perfusor® compact^{plus}
Manufacturer: B. Braun Melsungen AG

Owner
Zdravotnická záchranná služba středočeského kraje

Observe the Service Manual and the Instructions for Use. All measured values are to be documented. Accessories used should be included in testing. Make exclusive use of calibrated measuring equipment. All text fields must be completed or crossed out (e.g., use of **N/A**).

Article No. (REF)	Serial No. (SN)	Software Version (SW) e.g. I0002A0008	Inventory No. (of the Owner)
8717030	95738	I0002A0010	N/A

1. Visual Inspection

Perfusor® compact^{plus}**:**

1. Cleanliness, completeness, no damage and defects affecting safety, integrity and readability of the labels.

Particularly:

2. Housing
3. Screw covers
4. Syringe holder, fastening, drive head
5. Membrane plate
6. Keypad/display
7. Accessory connector
8. IR window
9. Mains power supply connection

Visual Inspection of Perfusor® compact^{plus} passed: ◉ Yes ○ No

Accessories:

1. Cleanliness, completeness, no damage and defects affecting safety, integrity and readability of the labels.
2. Check the unit and the accessories for compatibility
3. Mains power supply cable (if available)

Visual Inspection of Accessories passed: ◉ Yes ○ No ○ N/A

2. Electrical Safety (According to IEC 62353)

1. Protective conductor resistance of mains connecting line (≤ 0.1 Ω) 0,05 Ω
2. Measure mains voltage 230 V~
3. Equipment leakage current (direct method for devices of protection class II) (≤ 10 µA) 7 µA
   Measure between mains input and pin 3 of accessory connector. Use the Measuring Adapter Accessory Connector CP.

Electrical Safety passed: ◉ Yes ○ No

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3. Functional Inspection

Mechanical test

1. Press the release button
2. Pole clamp
3. Axial clearance of drive

Functional test

Connect unit to mains power supply:

4. Status display

Switch on unit with mains power supply:

5. Self-test
6. Information on display
7. Audible alarm
8. Visual alarm

Functional test (Cont.)

Switch on unit w/o mains power supply:

9. Self-test
10. Battery test
11. Syringe fastening
12. Syringe recognition
13. Infusion
14. Buttons on the operating unit
15. Trigger bolus at the device
16. Staff call

Strain gauge pressure measurement

Pressure cut-off: Syringe type = #Syringe gauge OPS 50, delivery rate = 200 mL/h.

17. Pressure stage 1 (9...15 N) 12 N
18. Pressure stage 8 (63...76 N) 69 N
19. Error message "Alarm / Pressure Alarm" at every pressure stage

After pressure stage 8, use the Syringe gauge lock to relieve the pressure.

Functional Inspection passed: ◉ Yes ○ No

Mech. Aids and Measuring Equip. Used

Yes		Yes		Yes	
☒	Syringe 50 mL Ref. No..: 4617508F-01	☒	Syringe gauge Ident. No.: QC23179 Calibrated until: 01.02.2026	☒	Measuring Adapter Accessory Connector CP
☒	Syringe 20 mL Ref. No..: 4616200V	☒	Safety tester Ident. No.: MD Test 0345 Calibrated until: 01.02.2026	☒	Syringe gauge lock PCP
☒	Syringe 3 mL Ref. No..: 4617022V	❒	Multimeter Ident. No.: N/A Calibrated until: N/A	❒	N/A
❒	Disposables Type: N/A Part No.: N/A			❒	N/A

Customer Accessories Used

Yes		Yes		Yes	
☒	Mains power supply cable	❒	USB service adapter CP	❒	N/A
❒	Staff call cable compact^{plus}	❒	Connection lead 12V	❒	N/A

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Test result: Defects were found that could endanger patients, personnel or third parties:

- ○ Yes
- ◉ No

TSC was passed:

- ◉ Yes
- ○ No

Device must be repaired:

- ○ Yes
- ◉ No

Special features / documentation:
N/A

Note: The TSC ensures that the unit meets all relevant safety criteria according to the technical specification at the time of the test. After the test has been successfully passed, the unit can be used on the patient.

Inspection performed by:
Patrik Chlumecký

Unit handed over on:
N/A

To
N/A

Date / Signature:
13.01.2026

Next TSC deadline:
13.01.2028

Na základě zkoušek provedených dle protokolu výše přístroj **VYHOVUJE** podmínkám použití dle platné legislativy.

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