

Note: This QUICK REFERENCE SHEET does NOT contain all the guidelines as per the Instructions for Use (IFU). Therefore, please refer to the IFU for complete guidelines regarding the operation of your Warrior device! Important: Users must complete product training prior to operating the device!

Scan QR code to access all relevant information (note: authorization may be required upon 1st login) or contact us at info@qinflow.com

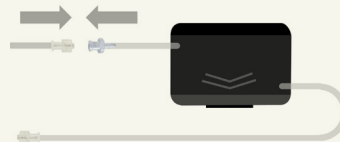


WARRIOR LINE | 3 OPERATING STEPS

1

CONNECT TUBING TO CDU

- Ensure CDU package is not compromised or expired
- Remove luer covers
- Connect tubing to CDU (the CDU inlet is the short PVC tube); don't overtighten
- The use of external infusion devices is permitted (up to 360 mmHg)

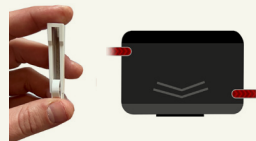


1

2

PRIME BOTH TUBING & CDU

- Ensure that all air is flushed out (19 ml priming volume)
- Can be primed with blood or fluid
- Consider using pressure bag or hand pump for faster priming with RBC or Whole Blood

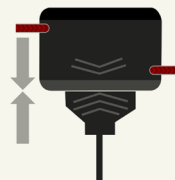


2

3

CONNECT CDU TO BU & TURN ON

- Align protruding arrows on the CDU and the BU cable connector (or Extension Cable)
- Press on/off switch at the back of the unit (not the button on the front!)
- Follow system's indications on the LCD screen



3

WARRIOR LINE

MESSAGES & TROUBLESHOOTING SUMMARY

(note: **RED** color indicates that an action is certainly required)

"CONNECT THE CDU" MESSAGE

Connect the CDU. Replace CDU if message does not disappear.

"MALFUNCTION" MESSAGE

- 1 Shut the unit off, ensure that CDU is primed, and reactivate the unit.
If not solved:
- 2 Replace the CDU with a fully primed one. Reactivate the unit.

"SYSTEM ERROR" MESSAGE

- 1 Turn the unit off and on again
If not solved:
- 2 Replace the CDU with a fully primed one. Reactivate the unit

NO LCD DISPLAY / PARTIAL LCD DISPLAY

Replace battery if no display

Don't use device if display is compromised, even marginally

CDU LEAKING

Replace CDU; reduce force if operating with manual infusers; report to QinFlow.

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"HEATING" MESSAGE

The system is currently warming the fluid; no action required.

"CHANGE IN FLOW" MESSAGE

- Change in flow identified. This message will appear often, especially when using intermittent flow devices or applying low maintenance flows.
- No action required if flow is visible in the drip chamber. Otherwise, fix flow interruptions (e.g. kinks in the line).

"FLUID IS HOT" MESSAGE

- Typically no action required; system will recover automatically.
- Replace CDU if message does not disappear.

OUTGOING TEMPERATURE IS BELOW SET TEMPERATURE

- Ensure that incoming fluids are below 30 degrees Celsius
- For cold fluid, this indicates that the flow rate exceeds the warming capabilities of the device. Consider reducing the flow rate.

"BATTERY LOW" MESSAGE

Still considerable volume to give. Continue operating the device. **Replace battery by opening side latches when "Battery Empty" message appears.**

NO FLOW

The CDU does not control the flow; hence, it cannot stop the flow. If only gravity feed is applied, it may take 30-60 seconds to prime the CDU with RBC or Whole Blood. Therefore, consider using pressure bag or handpump to speed up the process.

Cannot Solve The Issue? The quick fix for most issues is to fix flow complications and replace CDU. If still not resolved, even after reviewing the IFU, contact us at info@qinflow.com or open support ticket on our website (QinFlow.com >> Services & Support >> Open Support Ticket)