



# Medcaptain HP-30 Syringe Pump

## Quick Alarm Guide

### Alarms and troubleshooting

Tap *Silent* to silence the alarm. If such alarm still exists, the alarm sound will be resumed 2min later.

Alarm Message	Alarm level	Causes	Troubleshooting
No AC Power	Low	No external AC or DC power	Connect the external AC or DC power immediately
No Battery	Low	Built-in battery failure or no built-in battery	Install the battery
BAT Low	Low	Low battery power	Connect the external AC or DC power immediately
BAT Empty	High	Out of battery power	Connect the external AC or DC power immediately
Infusion End	High	The preset VTBI or infusion time is reached	Tap <b>STOP</b> to eliminate the alarm
Infusion Near End	Low	The infusion will be completed in the alarm time	Wait until the infusion is completed
Infusion End KVO Start	High	The preset VTBI or infusion time is reached and the KVO process is started	Tap <b>STOP</b> to eliminate the alarm
KVO End	High	The KVO process is started and maintained for 30min	Tap <b>STOP</b> to eliminate the alarm
Patient Side OCCL	High	1. The syringe line is occluded 2. A low occlusion level is set for high-viscosity solution infusion 3. The system will auto reduce the volume when an occlusion occurs	Tap <b>STOP</b> to eliminate the alarm, Identify and remove the occlusion cause and resume the infusion
Standby End	Medium	The standby time is out	Tap <b>Cancel</b> to exit the standby state
Reminder Alarm	Low	No button operation is performed in 2min after the syringe is installed	Tap any button to eliminate the alarm
Relay Failed	High	The communication is interrupted in the relay process or any external interference causes relay sequence failure	Tap <b>STOP</b> to eliminate the alarm. Enable the local relay again.
Syringe Near Empty	Low	The syringe will become empty in 3min	Wait until the syringe becomes empty
Syringe Empty	High	The syringe becomes empty	Tap <b>STOP</b> to eliminate the alarm
Holder ERR	High	The holder is pulled during infusion	Tap <b>STOP</b> to eliminate the alarm. Follow the system instructions to reinstall the syringe
Drive Head ERR	High	The clutch on the drive head is pressed or the syringe claw error during infusion	Tap <b>STOP</b> to eliminate the alarm. Follow the system instructions to reinstall the syringe



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