

Analog display on LCD for easy visualization of changes in pressure!

T.L.F Cuff CE 0120

Cuff inflator

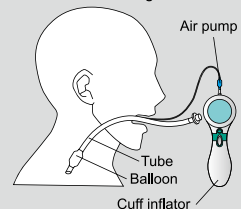


- T-mode** ... When an endotracheal tube is used
- L-mode** ... When a laryngeal mask is used
- F-mode** ... No restrictions

What is a cuff inflator?

It is a device used with an endotracheal tube or tracheotomy tube to check the expansion, contraction and internal pressure of the balloon. When O₂ is supplied with just the tube inserted into the trachea, the oxygen simply leaks out from gaps between the trachea and tube. To prevent this, a balloon is inflated with the appropriate amount of pressure (too much pressure damages the trachea) to close off the gaps and prevent O₂ leakage.

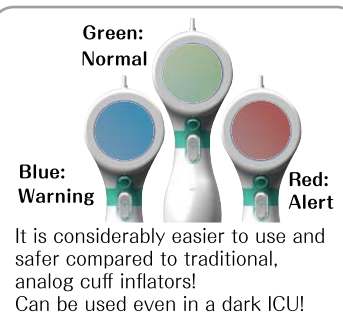
[Schematic drawing]



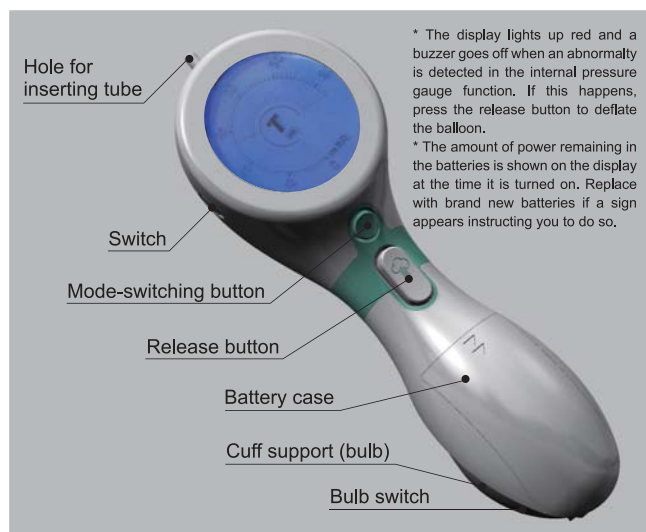
The cuff pressure gauge checks for appropriate pressure !

Four points to take note of:

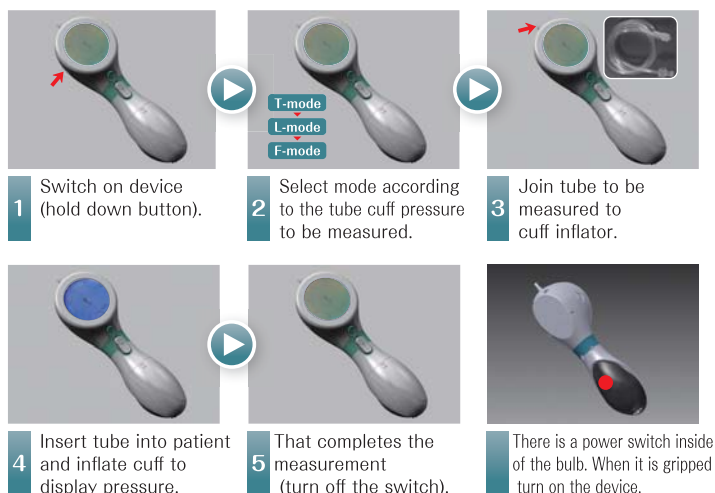
1. **Analog display on LCD** for easy visualization of changes.
2. **Installed with backlight** for ease of use even in dark places.
3. **Display changes color** depending on the situation for ease of use.
4. Pressure is controlled appropriately, preventing excess pressure and **protecting the trachea**. The device does not control pressure it inflates/deflates and measures and monitors cuff pressure.



A revolutionary cuff pressure gauge with an evolved digital screen.



Way to take measurements



Product specifications

* Please note that specifications may change without prior notification.

Accuracy of measurements	± 2cmH ₂ O	
Measuring range	T-mode: 0-64cm H ₂ O / L, F-mode: 0-126cm H ₂ O (using laryngeal mask)	
Buttons	Switch, Mode-switching button, bulb, release button	
Pressure control	T-mode	No further pressure can be applied when pressure exceeding 32cm H ₂ O is detected. Pressure can be applied once more through the cuff support when the pressure returns to the 0-32cm H ₂ O range.
	L-mode	No further pressure can be applied when pressure exceeding 60cm H ₂ O is detected. Pressure can be applied once more through the cuff support when the pressure returns to the 0-60cm H ₂ O range.
Triggering of buzzer	T-mode	Below range of recommended pressure Display lights up blue as a warning when pressure falls below 22cm H ₂ O (returns to normal when pressure rises above 22cm H ₂ O). The buzzer sounds at 1 second intervals.
		Recommended pressure range 22-32cm H ₂ O, the LCD turns green
		Above range of recommended pressure Buzzer goes off and the display lights up red as an alert when pressure rises above 32cm H ₂ O. Returns to normal under 32cmH ₂ O automatically.
	L-mode	Below range of recommended pressure Display lights up blue as a warning when pressure falls below 50cm H ₂ O (returns to normal when pressure rises above 50cm H ₂ O). The buzzer sounds at 1 second intervals.)
		Recommended pressure range 50-60cm H ₂ O, the LCD turns green
		Above range of recommended pressure Buzzer goes off and the display lights up red as an alert when pressure rises above 60cm H ₂ O (Returns to normal under 60cmH ₂ O automatically.)
	F-mode	Buzzer goes off and the display lights us red as an alert when pressure rises above 120 cmH ₂ O (returns to under 120 cmH ₂ O automatically)
	LED	Switched on: LED turns on / Switched off: LED turns off
Type of display	Displaying of internal pressure	Displayed on an analog meter using segment LCD
	Resolution	1cm H ₂ O (number of segments on meter: 64 points)(0.09806 [hPa])
	Mode indicator	An icon is displayed to indicate the mode that the device is in
	Scale	Scale in T-mode 0-64cm H ₂ O / 1cm H ₂ O increments
		Scale in L・F-modes 0-126cm H ₂ O / 2cm H ₂ O increments
	Battery power icon	Good/Low/Flat
	LCD backlight	Yes
	Malfunction alarm	LCD backlight turns red when there is a malfunction in the pressure sensor, and the buzzer goes off as a warning.
Automatic turning off	Enters sleep mode if left untouched (no changes in readings) for more than 1 minute	
Restarting from sleep mode	Device is restarted from sleep mode when the bulb is operated, or a pressurized tube is connected	
Temperature and humidity range during use	10-40 [°C] / 30-85 RH [%]	
Temperature and humidity range for storage	-50-50 [°C] / 10-85 RH [%]	

Manufacturer



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Agency