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(57) Abstract :

The present invention relates an improved device for physiological monitoring of neonates and pediatric patient . The device comprises an enclosure means . The enclosure means comprises a front side of the enclosure means, a back side of the enclosure means and a central module of the enclosure means. The front side of the enclosure means comprises a display means adapted to display waveforms, numerical value and animations; a capacitive touch keyboard; a speaker means and a visual alarm comprises LED having different colors. The central module of the enclosure means operatively connected with the front and back side . The central module comprises a controller means operatively connected with a capacitive touch keyboard; visual alarm ; a level convertor means operatively connected with the controller means and the display means adapted to provide interface between the controller and display means; a speaker driver operatively connected with the controller means and the speaker means to operate the speaker means.

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