

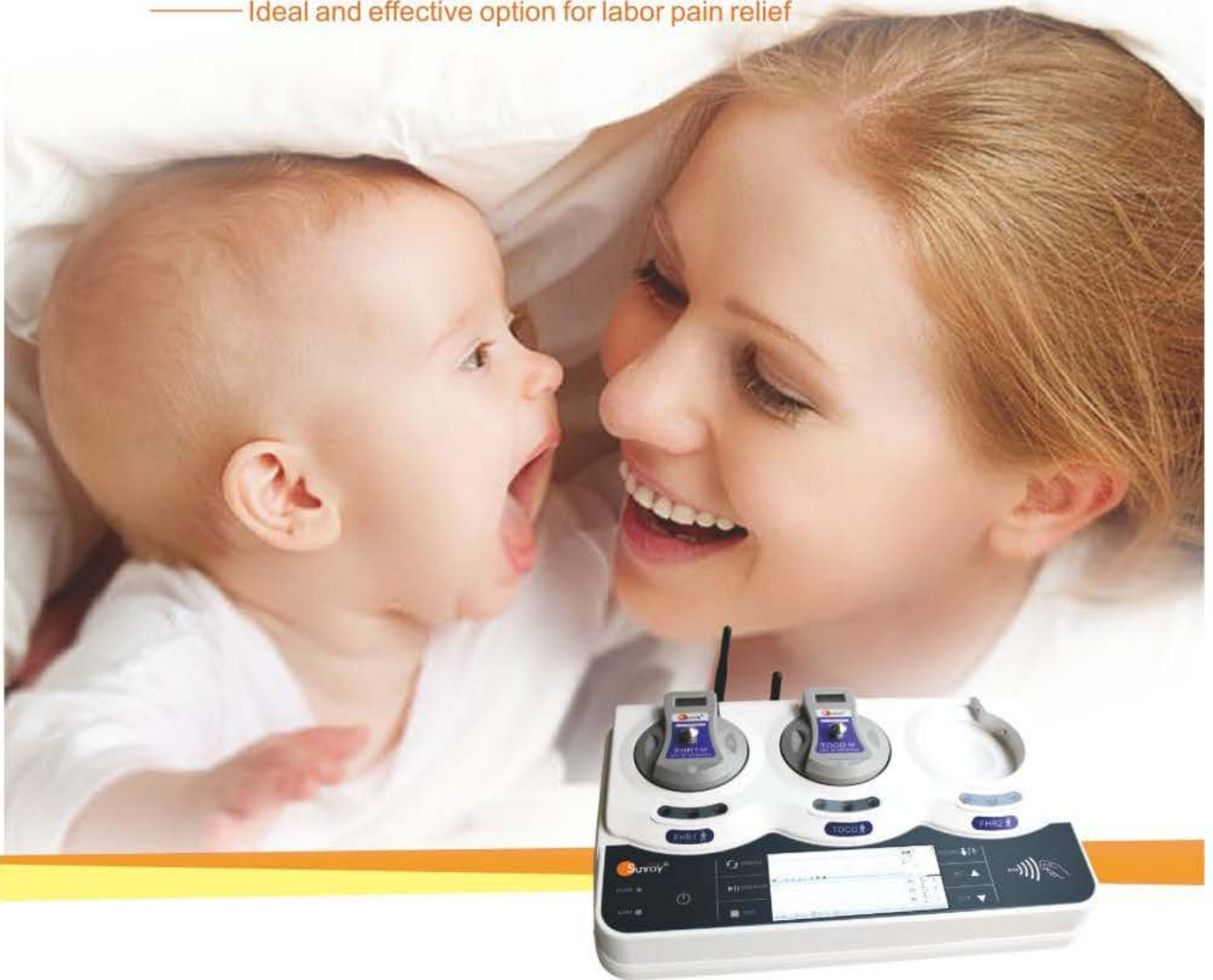


▶ Since 1992

# Best Baby

## Bio-feedback TENS System

— Ideal and effective option for labor pain relief



Advocating natural delivery, Reducing caesarean section rate



Be Healthy For Life

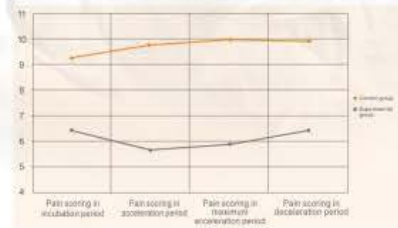
## Best Baby Bio-feedback TENS System

Exclusive patented technology, the only non-traditional TENS product all over the world.

### Effective

- Replace the single prescription of traditional TENS product with compound prescription, to furthest eliminate "drug resistance", continuously ease the pain for a long time and meet demands during the entire delivery process.
- Replace manual adjustment of traditional TENS product with automatic control to avoid man-machine interference and make pain relief more effective.
- Plenty of clinical data proves practical and effective pain relief effects.

(Invention patent application of 20121048815753, Patent Filing in USA, EU, Japan, China, Brazil, India, Russia, Korea)



In each period of first stage of delivery, pain scoring of the experimental group is obviously lower than that of the control group, difference between groups have obvious statistical significance ( $P < 0.01$ ). It indicates that the TENS with delivery monitoring system has prominent pain relief effects.

### Intelligent

- Automatically select pain relief prescriptions in according to CTG monitoring information and automatically adjust prescription parameter.
- The automatical adjustment, replacing manual judgment of traditional TENS products, avoids individual subjective factor's interference to the apparatus.
- Reduce medical professionals' intervention and save time



Intelligent Operation Interface

### Safe

- Non-drug and physical pain relief, with no adverse effects for maternal and infants
- Low output power: 1) peak current  $\leq 15\text{mA}$ ; 2) peak open-circuit voltage  $\leq 300\text{V}$ , (Output powers are less than the safe value regulated in the standards and far less than that of traditional TENS products)

### Economical

- Integration platform with Bio-feedback pain relief + CTG monitoring
- 6-bed synchronous monitoring and pain relief, and display data on the same screen (only for workstation)
- Wireless fetal monitoring, comfortable and convenient.

# Best Baby

## SRL998K Bio-feedback TENS System(Portable)


- Bio-feedback pain relief + CTG monitoring
- Automatically adjusting prescription parameters
- Wireless transducer technology for free position of fetal monitoring
- Wireless connection to SRL998A workstation or the central monitoring station
- Monitoring parameter: fetal heart rate, uterine contraction, fetal movement




## SRL998A Bio-feedback TENS System(Workstation)

Collect individual data through SLR998A/K transducer  
Collect data in SRL998A workstation

Support "monitoring and pain relief"  
for at most 9 beds at the same time  
Display and operation on the same screen



SRL998K



SRL998A



SRL998K



Storage

- Conduct synchronous maternal delivery pain relief to 6 beds and display on the same screen
- Biological feedback TENS realizes automatic adjustment and intelligent output
- Wireless fetal monitoring transducer technology realizes free position of fetal monitoring
- Electronic patient record storage, retrospect and file management
- Support to connect to Sunray central obstetrics monitoring station (option)
- Connect to hospital information management system (option)
- Support report printing (option)

## Consumables



Conductive adhesive pad



Hand wiring



Waist wiring

Your reliable supplier in Ob&Gyn products



## Bio-feedback TENS Working Principles

### Biological feedback transcutaneous electric nerve stimulation (TENS)

Synchronously monitoring fetal heart rate and uterine contraction(CTG), which are taken as feedback signal to conduct target automatic regulation to pain relief prescription output, and conduct TENS to corresponding parts of parturient to reduce the pain.

### Endogenous Opiate Peptide (EOP)

Adopt continuous and dynamic electrical stimulation wave based on individual parturient differences and uterine contraction intensity, etc., properly conduct target control and regulation to dilatational wave, activate the central nervous system with dynamic and changing prescription, and promote composition and release of self central nervous analgesic substance EOP to increase pain threshold and reduce the pain obviously.

### Pain Relief Gate Control Theory (GCT)

Activated excited glia cell can close off the gate at spinal cord to prevent the pain information of uterine bottom, uterine and perineum from entering the nerve center, then to reduce the delivery pain.

## Service

Sunray and local authorized distributor are responsible for product technical support and after-sales service. Through well training and professional engineers, Sunray service center and local authorized distributor provide rapid and considerate service for our customers.

If you need any support, you can contact our local authorized distributor. Or you also can dial Sunray international service hotline: (+8620)87597231, or send us an email for your requirements.

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