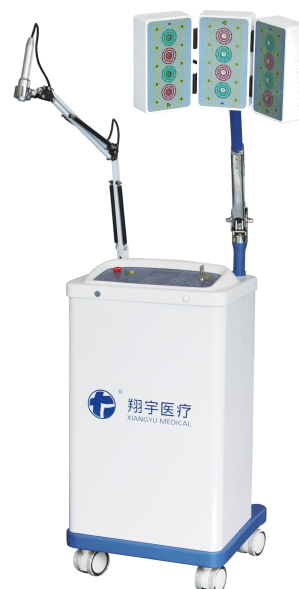


Infrared and laser therapy

Technical Parameters

1. Rated input power: 85VA.
2. One way point radiator output, one way triple panel radiator output.
3. The spot radiator is $160\text{mm} \pm 5\text{mm}$ long and the outer diameter $30\text{mm} \pm 2\text{mm}$.
4. Point output wavelength: $810\text{nm} \pm 5\%$.
5. Point output wavelength 810nm output power: 0-500mw adjustable.
Area array output power:
Single output power with wavelength of 980nm is adjustable from 0 to 200mw
Single-channel output power with wavelength of 810nm is adjustable from 0 to 500mw.
6. Triple area radiator: $385\text{mm} \times 208\text{mm} \times 60\text{mm}$, tolerance $\pm 5\%$, easy to operate triple radiator, multi-site treatment can be performed.
7. Ladder wavelength of triple area array output: $980 / 810\text{nm} \pm 5\%$.
8. Equipped with emergency laser terminator.
9. Treatment time: 0-99min adjustable, level difference 1min.
10. Ladder compound therapy is more in line with clinical treatment needs.
11. Point radiator can be used to treat acupuncture points.
12. Multi-section movable arm makes the treatment head more flexible and more convenient to use.
13. Equipped with a key switch, rotate 90° clockwise to start the treatment device.
14. Selected as the recommended product catalog of Chinese medicine diagnosis and treatment equipment by the State Administration of Traditional Chinese Medicine.



Principle

1. Anti-inflammation: it can activate or induce T- and B- lymphocytes and macrophages to generate cytokines, activate the general immune system by lymphocyte re-circulation, strengthen the phagocytic capacity of macrophages and improve the immunity;
2. Improvement of blood circulation: it can improve the blood circulation of local tissue, accelerate the blood flow, promote the analgesic substance metabolism, and relieve the pain;
3. Generation of analgesic substance: it can enhance the brain peptide metabolism to accelerate the release of morphine-like substances in the brain, thus relieving the pain;
4. Inhibition of nervous system conduction: it can inhibit the peripheral nerve impulse, conduction velocity, intensity and frequency caused by the pain stimulation;

Applicable range

1. Painful disorders: Neck, waist, and leg pain, acute and chronic soft tissue injury, joint pain, neuralgia, headache after trauma, muscular pain, heel pain, etc.
2. Inflammatory disorders: periarthrititis, tennis elbow, tenosynovitis, tendinitis, osteomyelitis, sequelae of trauma, knee ligamentitis, etc.
3. Wound healing disorders: Promote healing after skin flap transplantation, diabetes or venous embolism, skin ulcers and necrosis of fingertips, burns, postoperative wound infections, bedsores
4. Stomatology: Dentin hypersensitivity, apical tissue response after root canal filling, oral ulcers, pulpitis, gingivitis, periodontitis
5. Department of Physiology: Rhinitis, sudden deafness, dizziness of the inner ear, otitis media, bloated external auditory canal, nasal mucosa ulcer, laryngitis, etc.
6. Dermatology: infectious skin diseases (such as erysipelas, paronychia, athlete's foot infections, etc.), chronic ulcers (varicose veins of the lower limbs, etc.), herpes zoster and its sequelae, alopecia areata, edema, exudation and infectivity of perianal tissues Wounds, etc.
7. Obstetrics and Gynecology: Acute and chronic pelvic inflammatory disease, pelvic effusion, infertility, dysmenorrhea, endocrine disorders, acute mastitis, vulvitis, pediatric pneumonia, enuresis, diarrhea, cerebral palsy, etc.