

Care IFC Plus[®]

Home Interferential Therapy



INDICATIONS:

- | | |
|---------------|------------------|
| Chronic Pain | Foot Pain |
| Low Back Pain | Arthritis |
| Neck Pain | Tendonitis |
| Shoulder Pain | Fibromyalgia |
| Knee Pain | Edema Reduction |
| Ankle Pain | Fracture Healing |

Care IFC Plus[®] is a true interferential current device that provides immediate pain relief for those suffering from most types of acute or chronic pain. It combines the most advanced electronics with user friendly features for quick and simple applications by the patient. It also comes with a rechargeable battery and charger for effective daily treatment.



Be Active. Stay Active.

Care IFC Plus®

Home Interferential Therapy

SPECIFICATIONS:

Carrier frequency: 4000 Hz nominal, fixed.

Adjustable frequency: Continuous mode
4001 - 4150 Hz nominal adjustable.

Interference frequency: Continuous mode
1 - 150Hz, equal to difference frequency between
carrier and adjustable frequency. Determined by
frequency selection.

Output configurations: Quadra polar (4 electrodes).

Quadra polar: Output channel #1 delivers carrier
frequency. Output channel #2 delivers adjustable
frequency. Interference occurs within tissue, maximal
point of intersection among four electrodes.

Waveform: Symmetric biphasic square with
zero net DC.

Duty cycle: Interferential stimulation has a 100% duty
cycle, since stimulation is always being delivered.

Channel isolation: Channel isolation depends upon
the use of two independent transformers.

Electrode size: Maximum electrode densities were
determined using 1976 sq. mm. (2" x 2") electrodes.

**Electrical current as a function of amplitude dial
setting:** 500-ohm load was used.

Pulse width: 125 microseconds for each phase.

Output current: 0 - 50 milliamps, adjustable.

Output voltage: 0 - 25 volts (50 volts peak-to-peak),
adjustable.

Maximum charge per cycle:
12.5 microcoulombs (one biphasic pulse).

Maximum current density at electrodes:
25 micro amps per square millimeter.

Maximum power density at electrodes:
630 microwatts per square millimeter.

True interferential
current

Easy to read
high resolution
digital display

Built-in
treatment
timer

AC adapter
included

Rechargeable
battery

Lightweight,
ergonomic design

Output regulation: Constant current is invariable
from 500 to 1500 ohms (+/- 10%). Current output
does not change as a function of battery voltage.

Low battery: Indicates when battery pack has
become discharged.

Power source: Rechargeable battery pack.
AC adaptor, 12.0V DC, 1.0A.

Size: 5.31" X 2.87" X 1.14".

Weight: 13oz (including battery).

Tolerances: All electrical specifications are
+/- 10% into 500 ohm resistive load.

SUPPORTING RESEARCH AND REFERENCES:

Clin J Sport Med. 2003 Jan;13(1):16-20. "The effects of home interferential therapy on post-operative pain, edema, and range of motion of the knee." PMID: 12544159

Clin Physiol Funct Imaging. 2002 May;22(3):187-96. "A single-blind placebo-controlled investigation into the analgesic effects of interferential currents on experimentally induced ischemic pain in healthy subjects." PMID: 12076344

Federal Law (USA) restricts this device to sale by or on the order of a physician so licensed by the state.



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