

# elfcare™

**Cold therapy, heat therapy  
and electrotherapy  
in the palm of your hand**

**The ultimate treatment synergy - three modalities  
in a compact, clinically proven method for pain  
relief and rehabilitation**

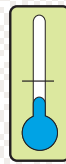
No hot packs, no cold packs, no old TENS systems, no cooling systems,  
no microwave ovens, no compresses, no heating units, no bags, no chilling  
systems, no ice, no fuss, no mess, no constant doctors visits, no workdays  
missed, no pain



**mediseb** LTD.  
Medical Engineering

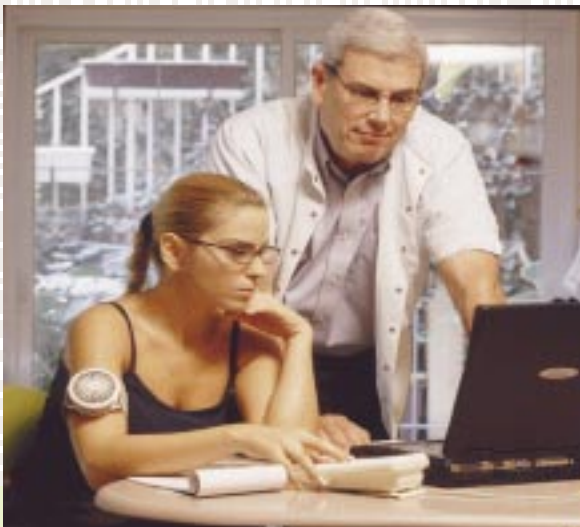
# What does ELFCare™ offer me that I can't get from other systems?

- ⇒ **The only system capable of synergising cold, heat and electrotherapy.**
- ⇒ **Most effective treatment method currently available** as shown in clinical trials.
- ⇒ **Close monitoring of the patient's progress.** The unit can be programmed to carry out a complete series of treatments. ELFCare's recall ability will report what treatment was actually carried out, and when.
- ⇒ **The physician can see more patients in less time** as patients can continue treatment at home.



**-10°C/14°F**

*The electrode becomes icy cold instantaneously as required. Exact temperature calibration - no bags, no mess*



*Treatment is supervised by a qualified health professional*



*Suitable for treatment on all areas of the body*

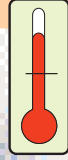


*Self-treatment at home is easy. No stress, no mess, relax*

- ⇒ **Fully integrated software package**, including patient file management, algorithm generation and management and a professional package of recommended protocols for use with specific medical conditions.

- ⇒ **Download treatment protocols from the Internet** directly to the unit via ELFCare's external modem accessory.
- ⇒ **State-of-the-art patent-pending technology** can synthesize all known algorithms and protocols.

Within seconds, the electrode heats up exactly to the required temperature. No compresses or heating units, no fuss



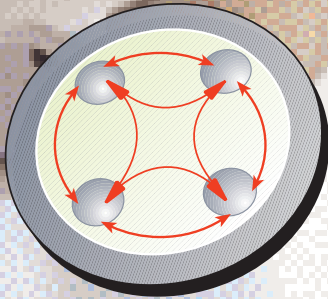
**+42°C/108°F**

**elfcare™**

Compact, portable hand-held unit with active switches and voice options



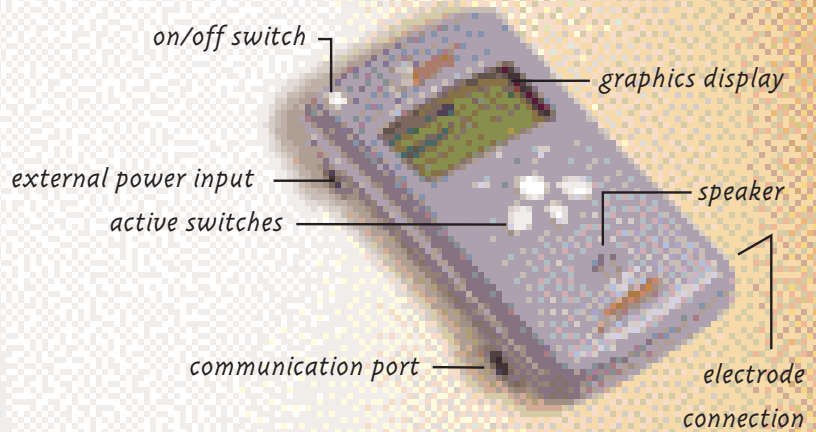
Large well-lit screen area giving clear graphic and text instructions



Electrical impulses can be transmitted simultaneously with heat or cold, in multiple combinations



Treatment in the gym or on the sports field - no ice needed



## Why should I ask my doctor for ELFcare™?

- ⇒ **Freedom from constant visits to the doctor.** Treatment can be carried out at home, in the office or on the sports field.
- ⇒ **Self-treatment is simple.** The unit is extremely easy to use – no stress, no mess, relax.
- ⇒ **Treatment is closely monitored by the doctor,** as the ELFcare™ unit recalls every treatment carried out.
- ⇒ **The ELFcare™ unit indicates when treatment should begin,** and accompanies the treatment throughout with clear graphics and voice messages.
- ⇒ **Easy to carry, aesthetic and unobtrusive.**

Features	Model	ELFcure 314A	ELFcure 314B	ELFcure 314C	ELFcure 314D	ELFcure 314E	ELFcure 314F	ELFcure 314G
<b>Electrode Type:</b>								
Electro-Thermal Electrode Thermal (Hot/Cold)		●	●	●	●	●		
Rubber Electrode (regular)							●	●
<b>Electrotherapy Waveforms:</b>								
Direct Current - DC (Galvanic)		●	●	●			●	●
Alternating Current - AC		●	●	●			●	●
Interferential Current (IFC)		●	●	●			●	●
Pulsed Current (PC)		●	●	●			●	●
Phase/Pulse Modulation		●	●	●			●	●
<b>Preset Procedures Capability:</b>								
16 Programs								●
32 Programs						●	●	
64 Programs				●	●			
128 Programs			●					
256 Programs		●						
<b>Communication:</b>								
Download programs and system updates		●	●	●	●	●	●	●
Upload log file history		●	●	●			●	●
<b>Physiotherapy Software Modules (on PC):</b>								
Physiotherapy Guide (SPG)		●	●	●				
Treatment Waveform Builder (STWB)		●	●	●				

Technical Data:		
<b>Current Stimulation</b>		<b>Standard Accessories</b>
Waveforms:	DC (galvanic), Faradic current, Diadynamic current (DF, MF, RS, CP, LP, DF/CP, DF/LP), I.F. current, Medium Freq., Russian stim., Pulsed current (Rectangular, Triangular, Exponential), TENS, Micro current, High voltage.	TE-314A: Electro-Thermal Electrode for ELCure™ 314A,B,C models. TE-314: Electro-Thermal Electrode for ELCure™ 314D,E models. RE-314: Rubber Electrode for ELCure™ 314F,G models. AD-314: Rubber Electrode Adaptor for ELCure™ 314F,G models.
Mode:	Constant Current/Constant Voltage.	
Intensity:	0 - 90mA at 500Ω.	
Pulse Width:	5μS - 1000mS.	
Pulse Rate:	1Hz - 10KHz.	
<b>Temperature Stimulation</b>		<b>Optional Accessories</b>
Range:	-10°C - 42°C / 14°F - 108°F.	CB-314: Carrying Bag. PS-314: Power Supply input: 110VAC ~ 240VAC, output: 5.5VDC / 3A ±5%. TR-115: AC Adaptor, input: 110VAC ~ 120VAC, output: 6VDC / 3A ±5% (only for charging purposes). TR-230: AC Adaptor, input: 220VAC ~ 240VAC, output: 6VDC / 3A ±5% (only for charging purposes). RE-314: Rubber Electrode Adaptor.
Variability:	3 minute (min to max without load).	
Accuracy:	±1°C / ±1.8°F (stabilized on load).	
<b>General</b>		
Display:	Graphic LCD (STN) 128 x 64 dots including Back-Light.	
User guidance:	On screen.	
Programming capabilities:	Up to 256 programs.	
Real Time Clock:	Hour/Day/Month/Year.	
Communication:	RS-232 port.	
Control system:	Advanced digitally controlled computerized system.	
Treatment time:	1 - 60 minutes.	
Dimensions (L x W x H):	155mm x 91mm x 51mm / 6.1" x 3.6" x 2".	
Weight:	Device: 210g / 7.4 ounces (without batteries) Electrode: 180g / 6.3 ounces.	
Supply voltage:	Internal: NiCa/NiMH 4.8V/1800mAH Battery External: Power Supply (input: 110VAC-240VAC, output: 5.5VDC/3A±5%).	

- Special features:**
- Recall ability: memory is retained by the unit even in the case of battery failure or replacement.
  - Built-in safety features monitoring temperature and electrical signals ensure that the treatment is kept within the limits of the specified protocol.
  - Voice messages inform the patient when to start and stop treatment.
  - AUTOSTART, AUTOSTOP and timer functions.
  - Locking system prevents unauthorized changes to treatment parameters.
  - System malfunction is prevented by self-diagnostic and unit problem detection software, constant current/voltage output and zero start of output.
  - The advanced computerized control system makes upgrades of new programs or display effects easy to carry out.

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**Mediseb LTD.**  
Medical Engineering

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