

**ORDERING INFORMATION**

Part Number	Description
<b>Intellect Shortwave 100</b>	
1602	Intellect Shortwave 100
<b>Standard Accessories</b>	
020453217	120 mm capacitive electrodes (2x)
14712	Connection cable (2x)
14762	Indicator discharge tube
14668	User Manual on CD
14790	Electrode arm left (1x)
14791	Electrode arm right (1x)
<b>Optional Accessories</b>	
020453218	165 mm capacitive electrodes
020969553	Diplode
02200002	Monode
020453266	180 x 120 mm soft rubber electrode (includes one pocket and one intermediate felt layer)
020453267	250 x 145 mm soft rubber electrode (includes one pocket and one intermediate felt layer)

**TECHNICAL SPECIFICATIONS**

Mains Power:	100-240 VAC, 50-60 Hz
Output Frequency:	27.12 MHz
Output Power:	100 W Continuous Mode / 200 W Peak in Pulsed Mode
Weight:	27 kg
Dimensions*:	42 x 41 x 97 cm
Pulsed Width:	20-400 µseconds
Pulsed Rate:	10-800 Hz
Treatment Time:	1-60 minutes
Electrical Safety Class:	Class BF
Safety Tests:	IEC/EN 60601-1, IEC/EN 60601-2-3, IEC/EN 60601-1-4

\* Dimensions are listed as L x W x H

**INTELECT® SHORTWAVE 100****FEATURES**

Intellect Shortwave 100 provides both thermal and athermal effects through qualitative dosimetry selection (I-IV). The output power will meet the requirements for the vast majority of diathermy clinical applications.

- Treatment setup via Thermal Dosimetry, Quick-link Indications or Clinical Protocols™
- 200 User-defined protocol storage slots
- Over 90 Clinical Protocols™ on board
- Clinical Resources include:
  - Full color graphics library of anatomical images and pathologies
  - Over 140 applicator placement images
  - Diathermy rationale
  - Diathermy contraindications
- Power generation via a high efficiency, microprocessor controlled, solid state amplifier
- Fully adjustable pulse rate and pulse width
- Selectable continuous and pulsed power modes
- 100 W in continuous mode
- 200 W in pulsed mode
- Average power of 64 Watt in pulsed mode (max)
- Patient Documentation of treatment sessions, pre and post treatment patient pain scales, pain mapping and pain types all captured on Patient Data Cards
- Full color LCD touch-screen interface
- Multilingual software
- Adjustable treatment timer
- Automatic resonance tuning
- 360° Swivel rotation of interface
- Robust, multi-jointed, pivoting electrode arms
- Patient safety switch
- 3 year warranty (accessories 1 year)

