

**UKMEDICAL®**

*It's Interventional.*

# *It's the ECO Saberwave Microwave Ablation System /*



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# *It's about precise tumour ablation /*

*The ECO Medical Microwave tumour ablation system provides precise distal tumour positioning allowing a greater degree of control when ablating near vessels or delicate anatomy. Being the first to the global market for MWA has allowed ECO to fine tune the in-built safety measures, continually improve cooling and shape how the ablation field is generated. The stable single & dual source power generators, unique antennae active tip design and intelligent real time temperature monitoring, enables efficient ablation of large or small complex lesions.*

## **Product benefits:**

- ***Controlled and targeted ablation zone***
- ***Option of full power simultaneous dual antenna use for ablation of large or multiple lesions***
- ***Precisely controlled distal tip placement for confidence when ablating near to vessels or other key anatomical structures***
- ***User friendly interface and set up***
- ***Options suitable for a wide range of tumour ablation procedures***
- ***Easy and accurate tumour penetration and antenna placement***
- ***Lightweight ergonomic antenna design***

## **Additional information?**

If you would like further assistance with using our ECO Saberwave Microwave Ablation System, or need advice on how to order, please call us on: **0114 268 8880**



**Dual Source product features:**

2.45GHz operating frequency

Real-time proximal tumour edge temperature monitoring



Clear easy to use touch screen interface



In-built saline hook



Dual independent power sources up to 120w each provides maximum simultaneous power delivery



Pre-procedure cooling and microwave out-put self-test function



Dual integrated peristaltic pump for continuous cooling capacity



Free-standing mobile unit with lockable wheels

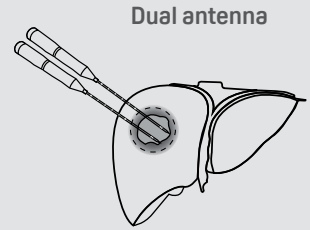
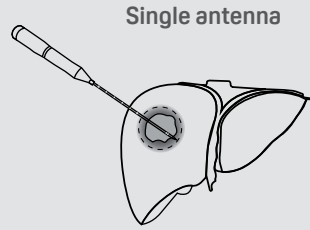
## Ablation modes:

### 3 different ablation modes available:

**Mode 1:** Touch screen controlled - pre-set time and power parameters based on isothermic algorithm.

**Mode 2:** Footswitch controlled - pre-set time and clinician controlled ablation

**Mode 3:** Touch screen controlled pulse mode - pre-set time and power parameters based on isothermic algorithm



## Single Source product features:

2.45GHz operating frequency

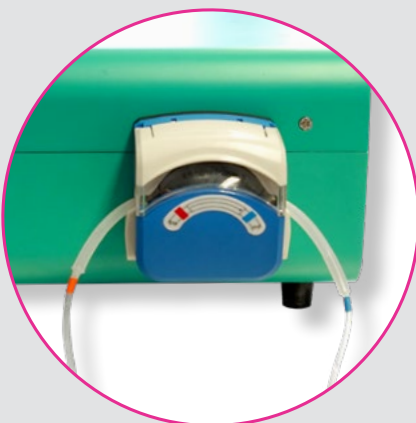
Real-time proximal tumour edge temperature monitoring

Portable table-top design



Clear easy to use touch screen interface

Pre-procedure cooling and microwave out-put self-test function

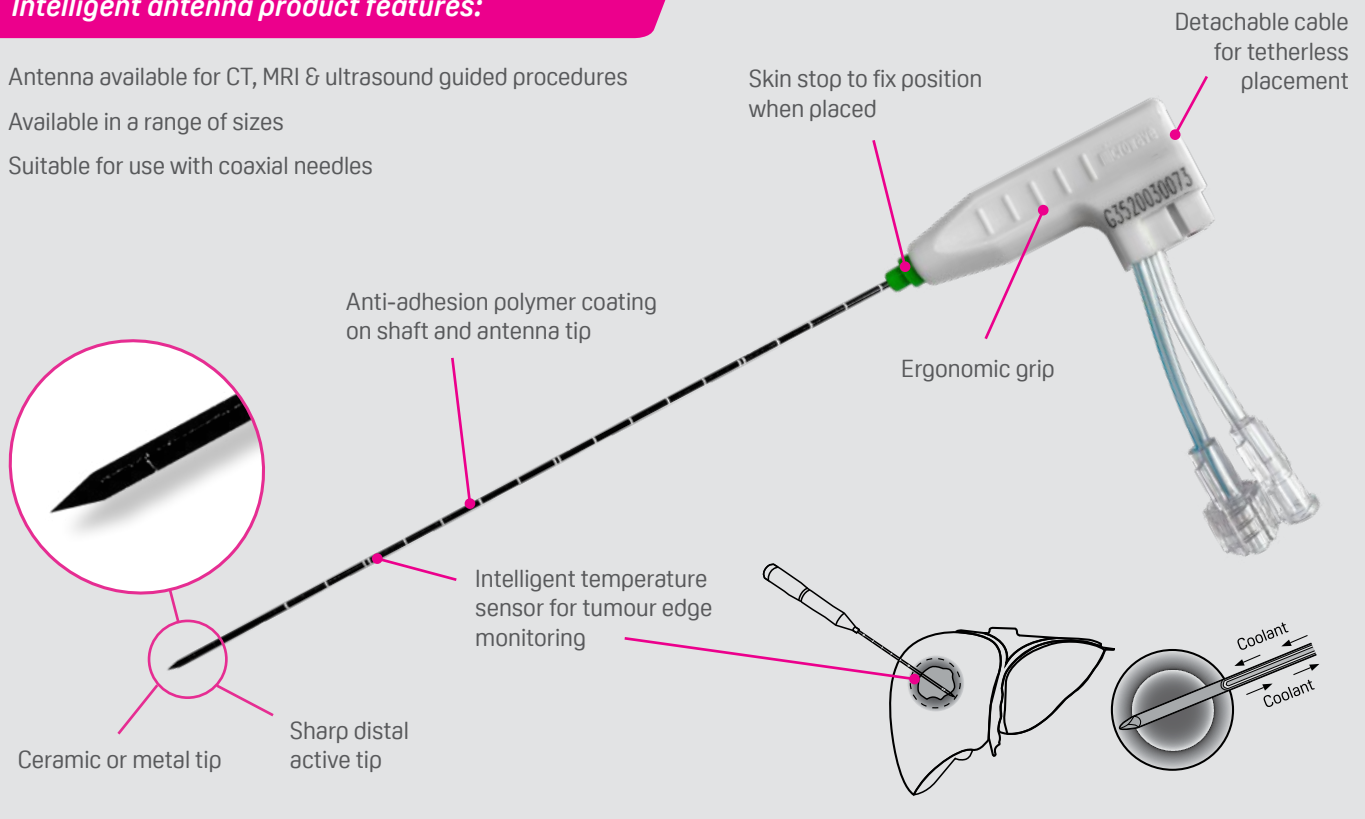


Dual integrated peristaltic pump for continuous cooling capacity



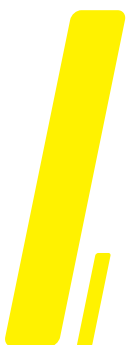
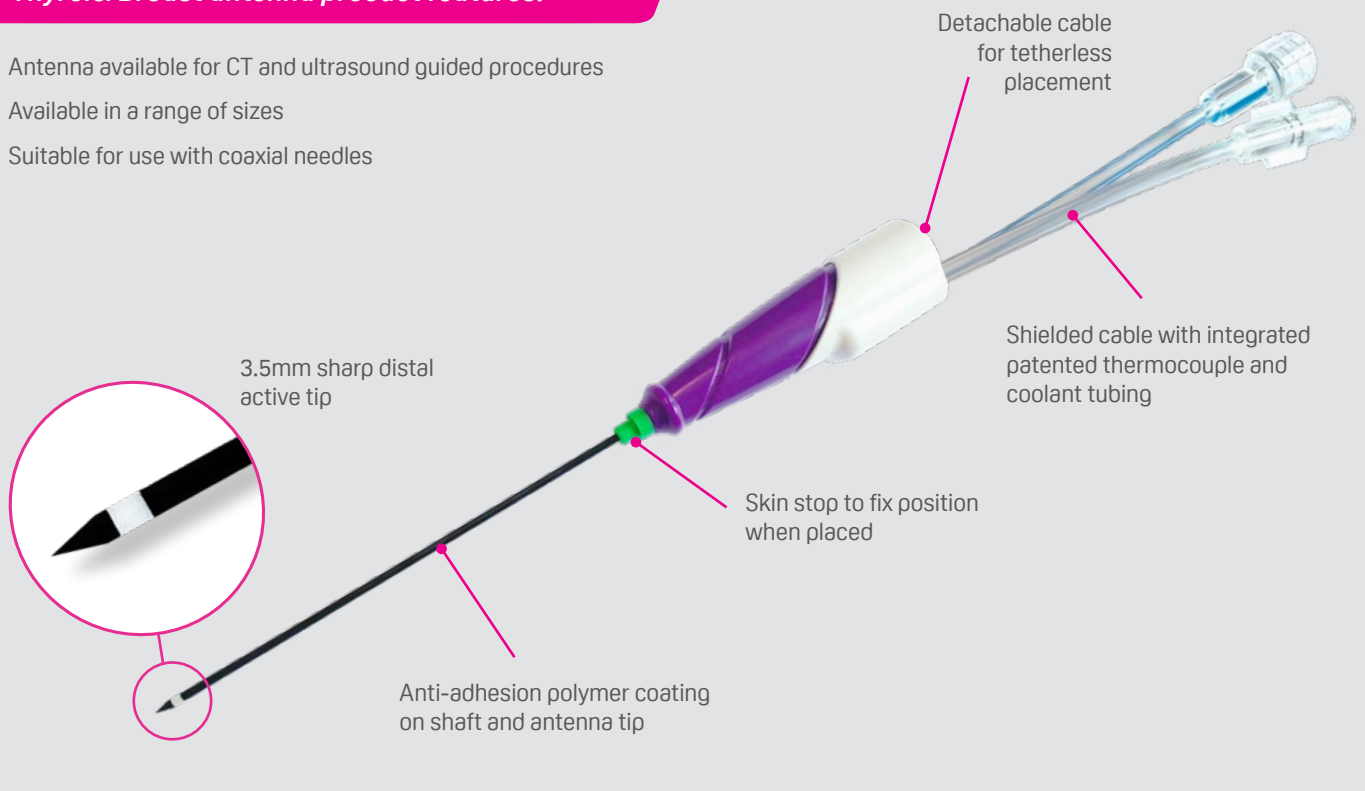
### Intelligent antenna product features:

Antenna available for CT, MRI & ultrasound guided procedures  
Available in a range of sizes  
Suitable for use with coaxial needles



### Thyroid/Breast antenna product features:

Antenna available for CT and ultrasound guided procedures  
Available in a range of sizes  
Suitable for use with coaxial needles





## Ordering Information

### Antennae

Description	Product code	Size	Tip Material	Active Tip Size
Disposable MWA Therapeutic Antenna 14G*150 - Intelligent	ECO-100CL8	14g x 150mm	Metallic	11mm
	ECO-100CL8C	14g x 150mm	Ceramic	12mm
Disposable MWA Therapeutic Antenna 14G*200 - Intelligent	ECO-100CL10	14g x 200mm	Metallic	11mm
	ECO-100CL10C	14g x 200mm	Ceramic	12mm
Disposable MWA Therapeutic Antenna 14G*250 - Intelligent	ECO-100CL11	14g x 250mm	Metallic	11mm
	ECO-100CL11C	14g x 250mm	Ceramic	12mm
Disposable MWA Therapeutic Antenna 16G*100 - Thyroid	ECO-100A13	16g x 100mm	Metallic	3.5mm active tip for thyroid /breast ablation
Disposable MWA Therapeutic Antenna 16G*150 - Intelligent	ECO-100CL5	16g x 150mm	Metallic	10mm
	ECO-100CL5C	16g x 150mm	Ceramic	12mm
Disposable MWA Therapeutic Antenna 16G*200 - Intelligent	ECO-100CL22	16g x 200mm	Metallic	10mm
	ECO-100CL22C	16g x 200mm	Ceramic	12mm
Disposable MWA Therapeutic Antenna 17G*100 - Thyroid	ECO-100A11	17g x 100mm	Metallic	3.5mm active tip for thyroid/breast ablation
Disposable MWA Therapeutic Antenna 17G*100 - Intelligent/ Thyroid	ECO-100A11	17g x 100mm	Metallic	3.5mm active tip for thyroid/breast ablation
Disposable Microwave Therapeutic Antenna, MRI Compatible	ECO-100AL8C	14g x 150mm	-	18mm
Disposable Microwave Therapeutic Antenna, MRI Compatible	ECO-100AL10C	14g x 200mm	-	18mm
Disposable Microwave Therapeutic Antenna, MRI Compatible	ECO-100AL13C	15g x 150mm	-	18mm
Disposable Microwave Therapeutic Antenna, MRI Compatible	ECO-100AL23C	15g x 200mm	-	18mm

Other sizes available upon request

### Microwave Generators

Description	Product code
Single Energy Source Microwave Generator	ECO-200G
Dual Energy source Microwave Generator	ECO-100A2

### Clinical applications



Manufactured by



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