



Thermaspec

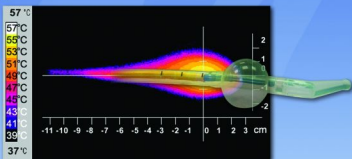
Microwave Thermotherapy Treatment for BPH and Prostatitis

- Safe and effective
- Anesthesia-free outpatient treatment
- Ideal for sexually active and high-risk patients
- Rectal probe or cooling system not required
- Rapid and precise controlled heating
- Simple operation and easy maintenance
- Fully computerized
- Complete monitoring and data management system



Thermaspec Highlights:

- Fast treatment – Average treatment time one hour
- Highly efficient - Reduces urinary frequency, urgency and intermittent flow
- Easy to employ and monitor (treatment can be supervised by auxiliary personnel)
- No ambulatory admittance required
- Low cost of consumables
- Fast withdrawal of Foley Catheter
- One common protocol for all patients



Treatment of Benign Prostatic Hyperplasia (BPH) and Prostatitis

Medispec's Thermaspec offers an effective approach to the treatments of BPH and Prostatitis. It is a transurethral microwave-based system (TUMT) designed for administering localized thermotherapy treatments.

The Thermaspec minimizes the notable side-effects and risks of impotence and infertility associated with more radical treatment methods. Therefore, treatment with the Thermaspec is the ideal solution for sexually active, as well as high risk patients. The treatments are performed on an outpatient basis and require no anesthesia.

The Thermaspec provides the physician with a cost effective and user-friendly solution for the treatments of BPH and Prostatitis. Since its components (including the microwave applicator) are reusable, the catheter is the only disposable required. The Thermaspec is simple to operate and maintain, mobile and compact. It is appropriate for the needs of users ranging from small clinics to the urological departments of large medical centers.

Technical Data*:

Dimensions (basic cabinet):

Height: 105cm
Width: 60cm
Length: 80cm
Weight: 100kg

The microwave unit:

Output power: 20W or 40W / 30W for USA,
select by switch
Frequency: 915 MHz
Output impedance: 50 ohms
Overload protection: 60 sec.
Power display: directed & reflected power,
by software

Power requirements:

230V/5A or 115V/10A \pm 10%
50 or 60 Hz

Temperature control:

Sensors: 2 type "T" thermocouples (TC)
Range: 35°C – 65°C
Selection: software selector – 0.1°C resolution
Display: digital, by software – TC1 & TC2
graphic, by software – TC1 & TC2
Energy counter (J)

Treatment time: adjustable, by software – up to
90 min. with elapsed time display

Applicator set:

Catheter type: propriety 3-way Foley catheter
Extension cable: 2.5m

Compliance with safety standards:

IEC 60601-1, IEC 60601-1-2. MDD (93/42/EEC) (CE)

* Data subject to change without notice