

# PCO15-A

ISW CO<sub>2</sub> LASER SURGICAL SYSTEM

## **FEATURES AND BENEFITS**

- *Sealed-off CO<sub>2</sub> laser technology*
- *Single, CW. pulse and super pulse operation modes*
- *Touching switch, microprocessor software control, LED digital display*
- *7-joint spring-balanced articulated arm*
- *Adjusted aiming beam of 5mW diode laser*
- *Safety protection with automatic alarm*



## **TECHNICAL SPECIFICATIONS**

<i>Laser type</i>	<i>PCO15-A CO<sub>2</sub> (sealed off)</i>
<i>Wavelengths</i>	<i>10.6microns</i>
<i>Mode Structure</i>	<i>TEM<sub>00</sub></i>
<i>Power to tissue</i>	<i>15W</i>
<i>Laser operation modes</i>	<i>Single. CW. Pulse. Super pulse</i>
<i>Super pulse peak power</i>	<i>100W</i>
<i>Aiming beam</i>	<i>5mW Diode</i>
<i>Beam delivery system</i>	<i>7-joint spring-balanced articulated arm</i>
<i>Working radius</i>	<i>110cm</i>
<i>Cooling system</i>	<i>Water closed cycle</i>
<i>Control system</i>	<i>Microprocessor control</i>
<i>Warranty</i>	<i>1 year</i>
<i>Electrical</i>	<i>220VAC/50Hz or 110VAC/60Hz</i>
<i>Package dimensions (cm)</i>	<i>90x32x42cm</i>
<i>Gross weight by carton (kg)</i>	<i>28kg</i>

## **OFFERS MORE FEATURES**

- *Eye protection goggles*
- *Self adjusting power output*
- *Aiming beam for accuracy*
- *Laser training workshops*
- *Superior water cooling system*
- *Marketing materials*
- *Self calibration, Super pulse mode*
- *OEM products*
- *1,000 hours life span of Co<sub>2</sub> laser tube*
- *Factory certified technicians*

## **APPLICATIONS**

- *General Surgery: haemangioma, adipoma, steatoma, rectal cancer*
- *Oral Surgery: epulis, buccal haemangioma, mucous cyst, lichen planus*
- *Otolaryngology: auricular vegetation, nasal tumour and tumor of paranasal sinus, benign tumour of oropharynx, gular haemangioma, vocal polyp, laryngocarcinoma, chronic pharyngitis, chronic rhinitis, chronic laryngitis*
- *Urology: meatus urinarious condyloma, redundant prepuce, caruncle of urethra, polyp of penis*
- *Gynecology: myoma of uterus, cervical erosion, cervical polyp, vagina condyloma*
- *Dermatology: wart, common wart, venereal wart, herpes labialis, herpes zoster, nevus pigmentosa, cutaneous malignant tumour*
- *Cosmetology: dispel wrinkle tache, stains of face nevus, vegetation and underarm odour*



### **CONTACT INFORMATION:**

AGS-Medical, Ph: +1-505-550-6501 and +1-505-565-5102  
Fax: +1-505-814-5778, Email: [sales@agsmedical.com](mailto:sales@agsmedical.com)  
Skype: agstech1, Web: <http://www.agsmedical.com>

