

International **HOSPITAL** Equipment & Solutions

Volume 34 Issue
IHE February-March 2006

Weekly news updates at
www.ihe-online.com

MEDICAL IMAGING SPECIAL 3D displays

Also in this issue:

Anti-microbial catheters in high-risk patients

Interventional endoscopy

Breast density in city-dwelling women



Volumetric infusion
pumps - Page 17



Blood- and fluid-warming
system - Page 32



Hand-carried ultrasound
scanner - Page 30

Smoke evacuator for laparoscopic procedures



(ULPA filter). The integrated turbo purge valve enables rapid evacuation of excessive smoke.

BUFFALO FILTER

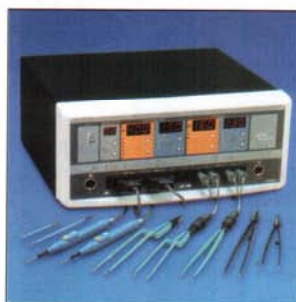
Buffalo, NY, USA

www.ihe-online.com & search #P44728#

Electrosurgical units

Designed for single use, the CapEvac is a small, battery-operated device that attaches to any standard trocar, creating a constant closed loop to filter and recirculate gas within the neumo-peritoneal cavity. The self-contained unit runs quietly throughout the surgical procedure and offers a very high filtration efficiency of 99.999 %

The Excell NHP series of electrosurgical units comprises three models that can be connected to an independent Argon gas module and two additional models with integrated Argon gas functions for electrosurgical cut and coagulation. A total of 100 application programmes can be selected, including pre-set protocols for general and laparoscopic surgery, endoscopic



surgery or using a simple bipolar mode. The electrosurgical units offer ten currents for monopolar use and seven currents for bipolar usage. All the output currents are automatically controlled through a microprocessor that adjusts the power and voltage and checks the starting pulse of the 'cut' currents to ensure a maximum efficacy at the lowest appropriate power setting. All models are equipped with two monopolar outputs, which can be used concurrently by two operators, as well as two bipolar outputs, which are routinely utilised today and are particularly useful for laparoscopic applications. For maximum safety and reliable performance, the units are equipped with a comprehensive series of auto-check systems. Automatically activated aspirators ensure the efficient elimination of smoke and electrosurgical aerosols. A new software package enables on-site calibration and software upgrade through a simple serial port connected to a PC.

ALSA APPARECCHI MEDICALI Castel Maggiore, Italy

www.ihe-online.com & search #P44731

for modern day treatment centres. New features and enhancements include an increased weight capacity up to 250 kilos, improved control functions and automatic charging. A special ophthalmology head support is also available as an accessory.

ANETIC AID

Guiseley, UK

www.ihe-online.com & search #P44738#

Surgical LED lamp



OT-StarLED, a new medical lighting system for the operating room (OR), is designed to provide optimal illumination conditions for every type of surgery. By using advanced LED technology, it has been possible to develop an IR-free light, thus decreasing the heat generated around the operator's head and in the surgical area. The surgical lamp incorporates an innovative system to adjust and regulate the illumination levels according to different applications. With a total of 70 LEDs, the lighting system generates a light spot from 21 cm to 100 cm with a high illumination level of 160,000 lux and a steady life cycle of 50,000 hours. An automatic Brightness Adaptor reduces the LED light intensity that is temporarily darkened by an obstruction (e.g. the surgeon's head, hands, etc.). Shadows generated by darkened areas are immediately diluted and compensated by the beams in the illuminated areas producing a homogeneous, shadowless light. This surgical LED lamp is provided with a standard video camera that can be positioned in the centre of the light head or on a separate arm.

ACEM SPA

Bologna, Italy

www.ihe-online.com & search #P44721#

GOLDWAY

UT4000A
Multi-parameter Patient Monitor

UT6000A
Multi-parameter Patient Monitor

G3
Handheld Oximeter

UT6000F
Multi-parameter Patient Monitor

UT4000Fpro
Multi-parameter Patient Monitor

UT4000F
Multi-parameter Patient Monitor

G40
Multi-parameter Patient Monitor

SLC-2000
Digital Video Chiropractor

UT3000
Maternal/Fetal Monitor

12th SE-Asian Healthcare Show
March 12-14, 2008
Stand A-69

CMEF Spring 2008
April 18-21, 2008
Stand H2-E28

GOLDWAY

SHENZHEN GOLDWAY INDUSTRIAL INC.
A02-Goldway Bldg., Langshan 3rd Road, Hi-Tech Industrial Park,
Nanshan District, Shenzhen, P.R. China
Tel: 86-755-26862999, 26240706 Fax: 86-755-26862722, 24811593
Email: shenzhen@goldwayinc.com, 66gama@163.net
www.goldwayhealthcare.com

GOLDWAYUS, INC.
4602 732 Smithtown Highway, Suite 102B Smithtown, NY 11787, USA
Tel: 831-584-6688 Fax: 831-584-6699
Email: info@goldwayus.com
www.goldwayus.com

www.ihe-online.com & search #A44700#

Patient Trolley

Designed to be both a patient transport trolley and an operating table, the QA4 offers a total solution

