

### Neuroscan Compumedics launches new products

Neuroscan, a leading manufacturer of neurophysiological research equipment, has announced the launch of Synamps®, Stim® and Scan 4.3.

When Synamps was released in 1992, it was hailed as the most powerful amplifier in the world - more than 1300 Synamps now serve researchers around the globe. Neuroscan have now launched the Synamps® amplifier, which is said to raise the research standard for electrophysiological amplifiers once again. It would be impossible to list here all the new and advanced specifications of Synamps® (USB 2.0 interface, 24 bit DataStream, etc.). Please visit [www.advancedmedicalequipment.com](http://www.advancedmedicalequipment.com) for more information and a complete list.

Stim® is now completely Windows XP compatible and, unlike other similar products, timing is perfectly synchronized (yes, in a Windows environment!) to the recording system. There is a free upgrade to all users of Scan version 4.0 or higher - upgrade details are on the website.

Advanced Medical Equipment, sole distributor for Neuroscan in the UK and Ireland, would be happy to provide more information or demonstrate any of these new products.

E-Mail. [info@advancedmedicalequipment.com](mailto:info@advancedmedicalequipment.com) for more information.



### Mobile phone solutions for the disabled



SRS Technology and Motorola have announced a collaboration to develop mobile telephone solutions for the disabled. The first product, the SRS mobile phone kit was released at the end of April.

The SRS mobile phone kit now makes it possible for a disabled person to operate a mobile phone using the SRS 100 environmental control system. The SRS mobile telephone can be operated from a joystick, a single button switch or the keys of the SRS 100.

The kits allows the user to make and receive phone calls and even play games on the phone.

Jurek Sikorski, Chief Executive of SRS Technology said "We are delighted to be working with motorola on the development of mobile phone solutions. Our customers have been asking for an interface for mobile phones for some time - it is probably the most frequently requested new product we are asked to develop".

For further information contact SRS Technology on Tel. 01922 456882.



**NB. Following the success of Scan School over the past 2 years, Advanced Medical Equipment are pleased to announce Scan School will be taking place 17-21 November 2003. Full details on the website.**



### New Möller-Wedel Hi-R 20-1000 neurosurgical microscope with senso-servo technology



Haag-Streit UK have introduced the new Moeller-Wedel Hi-R 20-1000 neurosurgical microscope. Named for its high-resolution apochromatic optics, high-reaction senso-servo drive and its high-range working distance, the Hi-R 20-1000 is said to offer surgeons true colour, increased depth of field and smooth precise one-hand control. Fine XY corrections can be made via joy pad on the fourteen-function handle.

Newly calculated apochromatic optics and residual aberration correction enhance colour fidelity, provide strong contrast and maximum resolution. The 25mm stereo base combined with the integrated switchable diaphragm ensures maximum depth of field. The Hi-R 20-1000 also features a 6 times zoom facility and a variable objective for working distances from 224 510mm. The Light Router LR1000 replaces the former double eyepiece head and beam splitter and comes equipped with an eyepiece head which is inclinable by + / - 100 degrees. The light path can be switched between an observer microscope and facing eyepiece.

The senso-servo drive technology allows smooth and precise motion for aiming and rapid repositioning in critical situations. The senso-servo drive has been optimised for precise one-hand control. The FS4-20 floorstand that accompanies the Hi-R 20-1000 retains its equilibrium when the accessories remain on the microscope or are stored in the overhead compartment.

For further information please contact customer services on 01279 414969.

### Epilepsy – what women should know

Epilepsy is the most common neurological problem in pregnancy and epilepsy affects about 0.5% (1 in 200) of the population.

There are about 75,000 women of childbearing age with epilepsy in the UK and about 2,000 pregnancies a year in women with epilepsy.

Issues regarding pregnancy and contraception should be considered in any women of child-bearing age with epilepsy and treatment is likely to be necessary for a minimum of 2 years and maybe for many years.

The possibility of pregnancy at some stage in the future should therefore be considered in the management of any pre-menopausal female with epilepsy, unless the type of epilepsy is one that she is likely to grow out of, such as childhood absence attacks.

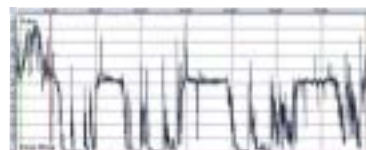
In essence, all women with epilepsy who are contemplating pregnancy should have their diagnosis reviewed and the need for treatment and choice of medication considered.

A comprehensive patient leaflet covering this subject has been written by Dr M D O'Brian, Guys Hospital with the endorsement of the National Society for Epilepsy and sponsored by UCB Pharma.

If you would like to obtain copies, please contact UCB Pharma on Tel. 01923 211811, or use the reader enquiry which is enclosed with this magazine.



### 'BioSomnia' - a new concept in sleep monitoring



A single channel portable sleep monitor: BioSomnia is a lightweight, battery powered portable monitor processing a single channel of EEG overnight. BioSomnia is easy to use, with electrode montages below the hairline to simplify patient hook up.

BioSomnia analyses the EEG signal in real time and easy to use software displays information on sleep latency, duration, fragmentation and Microarousals.

A full interactive hypnogram is also available.

Effective treatment of sleep disorders requires good diagnosis, yet doctors lack the means to measure sleep easily and objectively in the patient's home.

BioSomnia meets this need and offers a cost effective sleep analysis tool for laboratory or home studies.

For further information contact Oxford BioSignals Ltd, Tel. 01865 336170, Fax. 01865 335180, [www.Oxford-BioSignals.com](http://www.Oxford-BioSignals.com)

