Patient Monitoring

ARGUS AGM

The anesthesia agent monitor for the challenging operational area

In the operating room, real-time monitoring of gases inspired and expired by the anaesthetised patient is vital to ensuring their safety. Today, microprocessor-controlled digital devices provide accurate temperature and pressure compensated data even in the presence of multiple gases. The SCHILLER AGM can identify and measure all five anaesthetic agents, including Sevoflurane and Desflurane, plus CO_2 and N_2O and Fast O_2. It is also capable of correcting, respectively of separately measuring, the respiratory air when alcohol is present. This highly integrated and automated approach provides the anaesthesiologist with detailed real-time information, thereby maximizing patient safety.

V-Sign™ pCO2 Compact Monitor

The highest innovative standalone or parameterbox solution for future investment

When operated with V-Sign™, our monitor provides continuous and non-invasive monitoring of arterial carbon dioxide tension, arterial oxygen saturation and pulse rate. Clinical studies document the accuracy and reliability of the Sentec Digital Monitor System. No other available system responds as quickly and accurately to changes in patients carbon dioxide tension and oxygen saturation as V-Sign™ applied to the earlobe. This intelligent technology thus provides continuous information for better patient management. Fast and reliable monitoring of patients ventilation and oxygenation with the digital V-Sign™ sensor. Offering a significant advancement in non-invasive Single Sensor Monitoring, the revolutionary V-Sign™ is the worlds first digital sensor that enables simultaneous monitoring of pCO_2, SpO_2, and PR.

Narcotrend®

Powerful EEG monitor for the operating room and intensive care unit

Optimising the quality of anaesthesia and sedation:
- Individually adjusted dosage of anaesthetics/narcotics
- Prevention of intra-operative awareness
- Prevention of unnecessarily deep stages of anaesthesia
- Reduction of unwanted side-effects
- Early recognition of potentially harmful situations

Specifications:
- Automatic classification of the EEG for intravenous and inhalational anaesthetics; EEG index (fine tuning of the 'Kugler' stages)
- Optimised recognition of artefacts
- Easy operation via touch screen
- Continuous testing of the electrodes to ensure a constantly high quality of the EEG signal
- Variable electrode positions
- Interface to external monitors and documentation systems
- Report function for documentation of EEG recordings

Registered trademark of PD Dr. med. B. Schultz.

Patient Monitoring

ARGUS LCM plus / ARGUS LCM

Vital Data Monitoring: High quality for small budgets!

The new SCHILLER ARGUS LCM Monitor is designed to provide full vital data monitoring for transport and stationary use, suitable for adults and neonates.
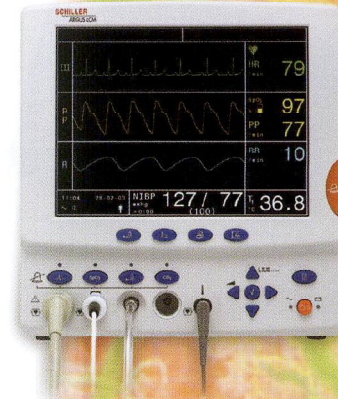
Features/Parameters:
- ECG with up to 12 simultaneous leads
- 24-hour trend memory for all parameters
- Respiration with impedance method
- Temperature measurement (rectal, skin or ear)
- Non-Invasive Blood Pressure (NIBP) with disposable and reusable cuffs in different sizes
- Masimo™ pulse-oximetry
- Freely selectable alarm supervision of all vital signs (except temp.)

Benefits:
- Excellent price/performance ratio
- Large high-resolution colour LCD: diagonal 27 cm/10.4"
- Light-weight, compact design
- Extremely easy to use, thanks to its direct function keys
- Convenient carrying handle
- Facility to use all standard emergency vehicle dc power supplies (in addition to the usual mains supply) without adapter

Optional:
- Capnography
- Integrated thermal printer
- Additional integrated battery for independent use of more than two hours
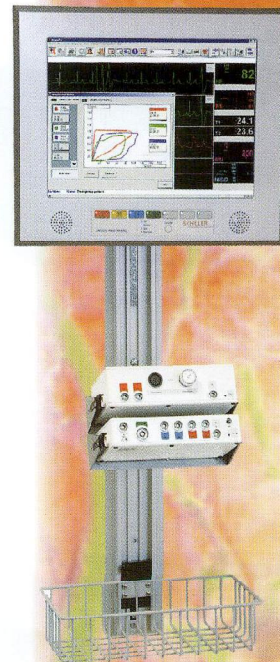
ARGUS PRO SYSTEM

The ARGUS PRO SYSTEM can be used either as a standalone system or as part of an integrated network at the hospital to perform:

- **Data acquisition** in interhospital transfers, operating theatres, post anesthesia care units (PACU), intermediate care units (IMCU) and intensive care stations
- **Data monitoring** at the bedside and/or the physician's office
- **Data management** integrated into the hospital's own information system

This complete and versatile system runs on Windows NT operation systems, featuring:
- Trend memory for over 72 hours
- Saving capacity of more than 1.000 events over 1 minute
- Data export to SCHILLER MT-200 Longterm ECG
- Trend data export to view in Windows Excel
- $etCO_2$ mainstream ($etCO_2$ light)
- Resting ECG, ST analysis, Cardiac Output, Ventilator therapy documentation
- PDMS Support
- Very easy operation thanks to the use of medical standard connectors

Transport Monitoring

ARGUS PRO Transport

The revolutionary monitoring concept goes mobile

Features:

- 10.4" touchscreen, direct keys
- 4.3 kg (incl. parameter box)
- Battery time 4 hours, exchange batteries while the system is running
- For bedside monitoring or inhouse transportation
- Networking capability (hardwire or wireless)
- Full functionality of ARGUS PRO Panel bedside monitor
- ECG, Temp, SpO$_2$, Inv. Pressure, tcCO$_2$, All Anesthetic Agents, FIO$_2$, etCO$_2$
- Arrhythmia Detection, ST-Online Analysis, Resting ECG, Cardiac Output, 24 h Trend Analysis, Full Disclosure, 24 h Holter ECG

Enjoy the new mobility with your critical care patients.
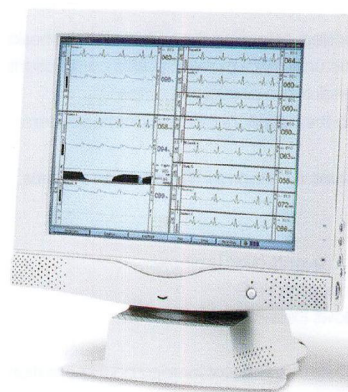
PHYSIOGARD TM/CS 910

Universal monitor

- Multiple vital signs
- Up to 5 on-screen traces

Compact in design, the PHYSIOGARD TM 910 monitor combines the experience and knowledge of SCHILLER as a major player in the field of patient monitoring. The universal concept allows use in many applications, moving with the patient from surgery through recovery to intensive care, internal hospital or emergency transport. Providing monitoring for all patients: adult, child and neonate.

TM 910

CS 910 Clinical Central Station