D3300

orthovoltage
x-ray therapy
system

GULMAY MEDICAL
The new generation D3300 X-ray therapy system from Gulmay Medical Ltd has been developed with a commitment to you and your patients. We have combined excellent technical expertise with a practical knowledge of radiotherapy applications, to ensure outstanding clinical accuracy and simple, intuitive functionality.

The First Dose Based Control System.
Gulmay Medical are the first manufacturer to offer a truly dose based control system for the D3300 x-ray therapy system. During treatment delivery the dose rate is continuously monitored, preventing the dose output from deviating by more than ±3%. The easy to use interface and real-time display of all system parameters make the dose based control system the optimal clinical choice.

Unique Dosimetry Features
The dose characteristics are consistently reproducible for each treatment due to the D3300's unique dosimetry system. The ion chamber readings are automatically corrected for temperature and pressure changes. The unique software controlled 'ramp-up' process guarantees that the delivered dose is within 1% of the prescribed value, even after treatment interruptions.

Tailored to Your Clinical Needs
Gulmay Medical is focused on providing an easy to use and flexible system. The D3300's tube output from 40kV to 300kV combined with nine clinical filters gives the user the widest range of clinical options. Each applicator comes with a clear perspex end section to allow visual verification of the treatment area.

Clinical Versatility
Once fitted, all applicators can be rotated for treatment optimisation. The ergonomic design of the ceiling mounted support system provides the operator with infinitely variable positioning options, ensuring patient comfort and rapid treatment set-up. The counterbalanced design ensures smooth, controlled movements at all times.

Pioneering design
Calibration and QA procedures are rapidly achieved using the unique software design, which enables complete dose calibration with only one reference applicator. This straightforward calibration process minimises downtime, thereby increasing the time
available for clinical applications. The combination of software and hardware design ensures outstanding clinical performance.

**Integrated Patient Management**
At the touch of a button, the Patient Data System provides a complete record of a patient's course of treatment. Patient and system data can be printed for hard copy records or stored electronically. The Patient Verification System includes prescription preparation and dose monitoring options for complete patient management. The Patient Verification System is designed using the Windows™ operating system. The open architecture philosophy of the D3300 system provides the basis for third party connectivity.

**Fully Integrated Safety Controls**
The D3300 X-ray therapy system incorporates integrated safety controls, minimising the potential for error. All filters and applicators are electronically interlocked, permitting only recognised applicators to be used with each filter for total treatment safety. A complete treatment status report can be viewed on the LCD battery powered display in the event of a power failure.