

## AquaTherm System (T200)

- ACMI - U.S.A.

**Chaban**, Israel's leader in the development, production and marketing of universal, **automatic test equipment (ATE)**, has gained prestige and much experience in the field of military industry since its foundation. Now, it is possible to benefit from the quality and reputation of the **Chaban Group for high quality medical applications** also. **The Chaban Medical Division**, founded at the beginning of 2003, provides a response to the growing market demand for an independent and comprehensive subcontractor to manufacture electronic systems according to the most stringent **medical standards**, such as **ISO 13485/8**. The exclusive advantage of **Chaban Medical** lies in its reliance on the reputation and experience of the two other **Chaban** divisions that afford it a fully supportive technological and logistic infrastructure. The unique result is a superior engineering capability, affording our customers **a combination of proven production capability to medical standards by the KanBan method, with support for requirements of upgrading, converting and improving the products independently by the subcontractor and at his responsibility**.

Thus, our customers benefit from **complete turnkey production** and **"ship to stock"** delivery of the products they developed, and from production and technical assistance capabilities in medical electronic product lines, by a high quality and reliable subcontractor. **Chaban Medical's flagship product is the T-200 console** for innovative treatment of prostate problems. Due to Chaban's superior engineering ability, we were able to receive the product from the customer at the unfinished prototype stage, have **our developers upgrade** it independently (in mechanical, electrical, hardware and production aspects), and **finally to make the T-200 maintainable, reproducible and economically worthwhile** for the customer. **The T-200 console is manufactured for the American ACMI big corporation** according to a long term contract, and it comprises a unique combination of standard off-the-shelf components, such as an SBC card that includes a 128MB Flash Memory and is assembled into an electronics box. In addition, several sampling and control cards that were developed for **the medical device** are integrated within the electronics box. The medical device also includes a pump (motor), an external sensor responsible for sensing the water temperature, an internal sensor for locating and alerting to an abnormally high temperature, and a set of internal cables.

A machined fiberglass structure and precision-milled mechanical items are combined to make a high quality, refined medical electronic assembly, providing the customer with the most reliable, high quality product.

In addition, and in order to provide our customers with the best possible service, **Chaban** makes use of subcontractors for simple tasks. And the result? Assistance that contributes to increased flexibility of the production rate, individually adapted to the customer's requirements and to **a short time-to-market delivery schedule**.

The uncompromising quality control of **the Chaban Group** is also recognizable in the **T-200 console**. **ACMI's meticulous quality requirements for the medical product obliged the Chaban Group to comply with the most stringent medical standards, for ISO13485/8 qualification** and to obtain approvals from the American Department of Health (**FDA**) and the European (**CE**) Ministry of Health – for both the product and the production line at **Chaban**. Likewise, the Company was surveyed and approved by the Standards Institution of Israel (**SII**) and that of the Netherlands (**KEMA**).

We invite you to join **Chaban Medical's** domestic and international circle of customers, and to benefit from the uncompromising quality of a subcontractor who **will manufacture your medical products for you on a turnkey basis – at high quality, custom made, and with a minimum of intervention ("ship to stock") and at a fare price**.

