

Test Equipment for Rafael's Iron Dome system

- Iron Dome Launcher Tester – RAFAEL, Missile Division

In this field as in others, **Chaban group**, Israel's Leader in the development, production and marketing of universal, **automatic test equipment (ATE)**, provides you with the optimal solutions for the Development and manufacture of **Rafael Iron Dome Missile Launcher unit**. The test equipment is based on **PC & PXI platforms**.

The test equipment is based on **PC & PXI platform**, and Combines standard off-the-shelf items such as, **fast communication cards**, **V.P.C** interconnect connectors, National Instrument data acquisition cards, etc., with specialized and **modular** hardware And software components that are developed at **Chaban** such as drivers for cards, self-test programs, Operating unit, and a specialized PC and general purpose cards and Adapters and signals multiplexes cards. This combination of unique components provides the Test equipment maximal control of the missile launcher Components and the testing environment concurrently performs all acceptance and diagnostic testes of the Rafael's newest Iron Dome Missile launcher System In **ATEasy software environment**. The test equipment software has a comprehensive Self-test (including wraparound) and flexible Expansion options and/or convergence into a service Field echelon configuration (**o-level**), which provide dynamics changes in future uses. Following our belief in **quality control to the highest Standards and in the end user's Requirements – RAFAEL Company** - this product has Also passed the most stringent testing: the performance Of many technical reviews such as **PDR, CDR, QDR** Configuration of documentation and production files According to full **military standards, including ISO9000.3 and ISO9001/2008** , **IPC-620A** compliance, As well as meticulous phases of test equipment capability Demonstration (**ATP/FAT**) combined with Malfunction simulations and reliability requirements. The stringent quality control, the high quality components And professional service of **Chaban Group's** three unique

Divisions **provide our customers with an Exclusive Turnkey** Product from the developmental phase to the final production.

A variety of products are at your disposal:

- **Engineering test equipment** for the development and Verification of software and hardware for the **Launcher Missile Unit**.
- Test equipment for P.O.D. (proof of design) tests during acceptance of operational system
- Test equipment for the ATP production line.
- Test equipment for customer Maintenance ATP, for repairs, maintenance and periodic calibrations

