

HIGHER TECHNICAL INSTITUTE

MECHANICAL ENGINEERING COURSE

DIPLOMA COURSE

**DESIGN AND CONSTRUCT OF A
VACUUM OVEN**

THEODORIDES THEODOSIS

JUNE 2001

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JUNE 2001

HIGHER TECHNICAL INSTITUTE	PROJECT NO. 3285
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Design and Construction of Vacuum Oven

by

Theodorides Theodosis

Project Report

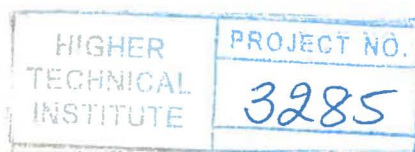
Submitted to
The department of Mechanical Engineering
Of the Higher Technical Institute

Nicosia
Cyprus

In partial fulfillment of the requirements
for the diploma of

TECHNICAL ENGINEER
in
MECHANICAL ENGINEERING

June 2001



Acknowledgments

After five months of hard work, this project has finally been completed. Of course this would not have been achieved without the assistance of some people that have offered their help and useful knowledge on specific subjects.

I would like to express my sincere appreciation to my supervisor Dr. Eleftheriou Polyvios for offering me his best assistance and concern at every step of this project until this was completed successfully.

I would also like to thank Mr. Andreas Themistokleous owner of Andreas Themistokleous Mechanical services for offering me his workshop for the construction of the vacuum oven and useful knowledge regarding the whole subject.

Theodorides Theodosis

June 2001

Summary

Title: Design and Construction of the Vacuum Oven

Author: Theodorides Theodosis

The main idea of this project, is to design first and then the construction of the vacuum oven.

As a first step, the design of the vacuum oven was made and scaled drawings were drawn.

Then, according to the demand and the conditions that were to be maintained by the devise, the selection of the appropriate materials was made and construction was off to start.

The electrical parts and the controller were bought, assembled and then programmed and fitted to the device.

Finally, the results was not the construction of the high capacity, and high technology vacuum oven, but the construction of the vacuum oven that presents the main functions.

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