

HIGHER TECHNICAL INSTITUTE

COMPUTER STUDIES COURSE

DIPLOMA PROJECT

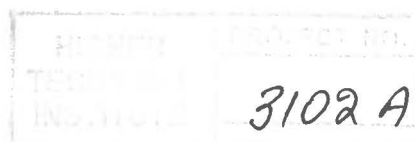
(USER MANUAL)

**Data Acquisition Software for in-situ time based
Regulation of temperature and flowrate**

CS/237

**Designed by
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Data Acquisition Control for in-situ Time based regulation of temperature and flowrate

This project is submitted in partial fulfillment of the
requirements for the award diploma in Computer Studies

(USER MANUAL)

CS/237

Project Report Submitted by

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Overview of the system

Data Acquisition software for in-situ time based regulation of temperature and flowrate is a project for the Nanomaterials Research Center. You can use this system for easy learning of WorkBench PC and run experiments with WorkBench.

Hardware needed:

- 1200c Split Hinge Furnace
- 14 Monitor
- Windows 95 Keyboard
- Central Processing Unit
- WB-Dynares-8-TC 8 channel input board
- WB-AVO B8 Analogue Output Card
- FMA-4604 Massflow Controllers
- GA6 Furness & Mass Flow Controller
- Type K Thermocouple
- Ramp/Soak Generator