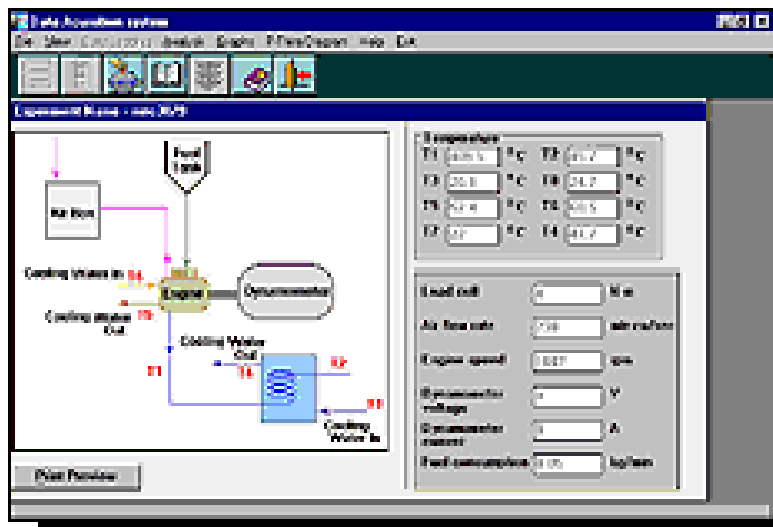


COMPUTER DATA CONTROL SOFTWARE FOR HEAT TRANSFER

MODEL: HMT15



FEATURES

- Compact, comprehensive, sturdy structure
- Data acquisition with high performance multifunction input output
- Low cost and portable

DESCRIPTION

Computer based learning has become an essential part of the teaching system. It allows accurate collection of experimental data without manual errors of the students. The PC based data acquisition system consists of a personal computer, transducers, signal conditioning units, data acquisition hardware and relevant software.

In our typical data acquisition system for heat transfer we have a list of transducers. However specific requirement may demand additional transducers or data acquisition channels. These can be supplied as per requirement at an additional cost.

Signal conditioning:

Transducer signal has to be conditioned to suitable signal acceptable to data conditioning hardware. All required signal conditioning is provided in the panel.

Data acquisition hardware:

The signals from the system are given to the data acquisition hardware.

Application software:

The software has been programmed specially for student's learning and data acquisition. It allows display of data of in various forms including an online graphical display. Software is optimally designed for flexibility and performance.

INSTRUCTION MANUAL

Self -explanatory operating manuals are provided with each system. Detailed theory as well as practical exercises is also included in the manual

COMPONENTS

Transducers to measure the following parameters

1. Temperatures
2. Pressure
3. Working media flow rates

OPTIONAL ADDITIONAL

1. IBM Compatible PC

SERVICES REQUIRED

1. Water supply and drainage arrangement
2. Electric supply

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- (1) Since research and development is an on-going activity, the specifications mentioned herein are subject to change without notice
- (2) Photographs are indicative only