



ZM6117 Trainer for Refrigeration Plants Electric Components and Faults



I Introduction

This trainer has been conceived and designed so that students can analyze the characteristics and reliability of the electric components that are an integral part of refrigeration systems, teachers can set manual fault, students can conduct fault finding and shooting, and it can train students' hand-on ability. Supply software which can monitor voltage, current, frequency, power, power factor, pressure, flow, etc, they can be displayed on PC in real time, and can print report.

II Training Program

This unit enables to develop and analyze the following subjects;

- Faults on compressor valves
- Faults in oil separator
- Faults due to excess of refrigerant
- Faults due to lack of refrigerant
- Refrigerant prevented from reaching the evaporator
- Expansion valve broken
- Dehydrator clogged
- Too high condensation pressure
- Too high suction pressure
- Too low suction pressure
- Motor phase cutoff
- Both motor phases cutoff
- Refrigeration thermostat faulty
- Freezing thermostat faulty
- Start capacitor faulty
- Assembling disassembling and connecting each component
- Components quality control

Note :

Due to keeping innovation,
the specification and
Machine pictures or color
are subject to alteration
without notice!

Supplied with:

- English General Refrigeration Manual Theoretical
- English Experimental Handbook