

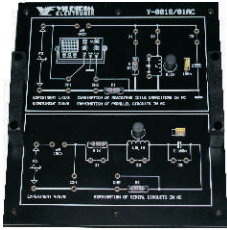
**Y-0016 AC  
BASIC ELECTRICITY ELECTRONICS TRAINING SET  
AC CIRCUITS APPLICATION MODULES**

AC Circuits Application Modules are designed to do AC Circuit applications and consists of 3 experiment modules and magnetism application components.

Various applications from Alternative Current measurements to transformer calculations are done and explained detailed in the Experiment Book. The Book contains the chapters of "Preparation information" supported with circuit diagrams and graphics, "how to do the experiment" with detailed explanation and "conclusion" where the results and the questions regarding the experiment are included.

2 mm sockets and 2 mm connection leads in different colors are used with the AC Circuits Application Modules.

**AC CIRCUITS APPLICATION MODULES AND SPECIFICATIONS**

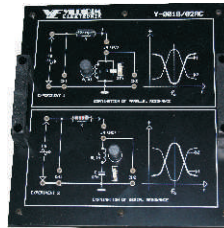


**Experiment Module - 1**

- Examination of Resistance in AC
- Examination of Inductance in AC
- Examination of Capacitance in AC
- Examination of RL serial circuits in AC
- Examination of RC serial circuits in AC
- Examination of RLC serial circuits in AC
- Examination of RL parallel circuits in AC
- Examination of RC parallel circuits in AC
- Examination of RLC parallel circuits in AC

**Experiment Module - 2**

- Examination of parallel resonance
- Examination of serial resonance

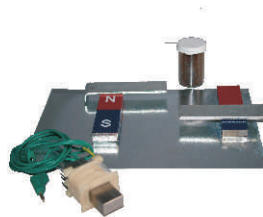


**Experiment Module - 3**

- Examination of low - pass PI type filter
- Examination of high - pass PI type filter
- Examination of Transformer

**Magnetism Experiments**

- Examination of the relation of magnet poles
- Examination of magnetic field of magnet
- Examination of barricading
- Examination of electromagnet



**SYSTEM PRESENTATION**

Application Modules	:	3 Pcs
2mm Connection Leads	:	24 Pcs, in 4 different colors
Experiment Book	:	1 Pcs

**SUITABLE MAIN UNITS**

- Y-0016
- Y-0038