

# ETS-7000A : Digital-Analog Training System


Electronic Educational System & Breadboard



ETS-7000A is a platform equipped with built-in power supply , **universal counter**, function generator as well as various common Input/Output components. Students are able to use these peripherals to prototype their analog, digital, or even MCU circuit on the breadboard area.

# ETS-7000A : Digital-Analog Training System

Electronic Educational System & Breadboard

	ETS-7000	ETS-7000A	
<b>Function Generator</b>	- 5 Range - 1Hz ~ 100KHz	- 6 Range - 0.1Hz ~ 200KHz	
<b>Universal Counter</b>	No	- 8 Digits Display - Frequency Counter (1 ~ 99.999999 MHz) (10~ 100.000000 MHz) - Period Counter (0.01 ~ 999999.99 uS) (1 ~ 99999999 uS) - 8 selectable measuring & display methods - LED indicator	
<b>Counter Switch</b>	No	- INT : display frequency from FG - EXT : display frequency from external circuit	
<b>CE Mark</b>	Optional	Standard	

Note: Logic Probe Function can be achieved from Period Counter



ETS-7000A is the upgrade version of ETS-7000 with 4 main difference:

(1) Function Generator (2) Universal Counter (3) Counter Switch, and (4) CE Mark

# ETS-7000A : Digital-Analog Training System

Electronic Educational System & Breadboard

## Optional Modules ...

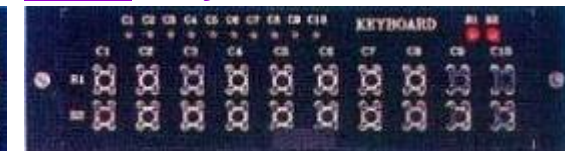


## FM Series (I/O Extension)

FM-01: LED Indicators



FM-04: Keyboard



FM-02: Data Switches



FM-05: Clock Generator



FM-03: Pulse Switches



## UC Series (Universal Connector)



- UC-01 Card edge connector (62 pins)
- UC-02 D SUB connector (RS-232 Male-Female)
- UC-03 Straighter header connector(60 contacts)
- UC-04 Card edge connector (56 contacts)
- UC-05-3 DIN 41612 connector (32 contacts)
- UC-05-6 DIN 41612 connector (64 contacts)
- UC-05-9 DIN 41612 connector (96 contacts)
- UC-06 Centronic connector (Standard)



Various types of optional modules are available to mount on fixed holder to meet the needs from clients.



# ETS-7000A : Digital-Analog Training System

Electronic Educational System & Breadboard

With optional package **OLS-1000**  
(Analog Overlay Learning System)...

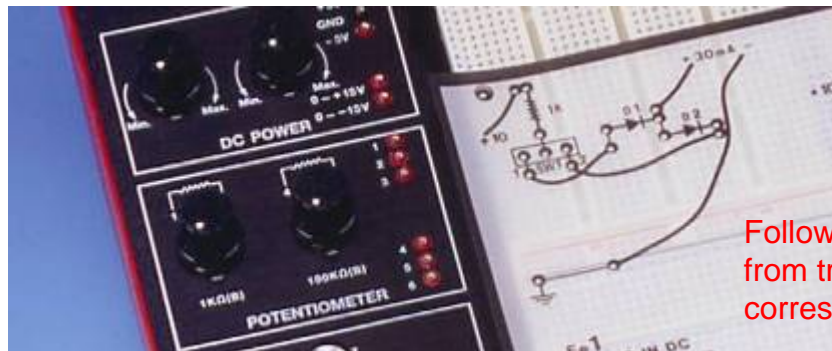


Tracing Paper

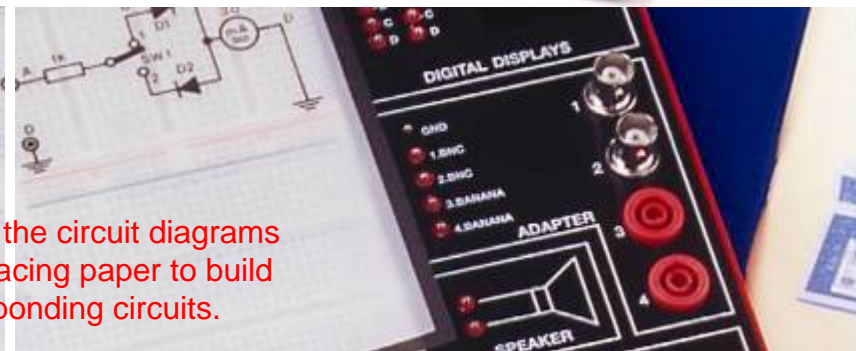
With optional package **OLS-2000**  
(Digital Overlay Learning System)...



Wires & Components



Follow the circuit diagrams from tracing paper to build corresponding circuits.



Model OLS-1000 is available as an option for end users to *build* and *learn* **analog** circuits from supplied tracing paper and components.

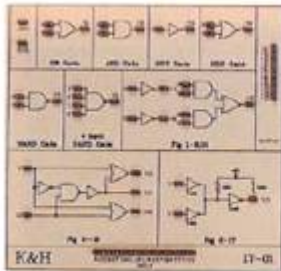


Model OLS-2000 is available as an option for end users to *build* and *learn* **digital** circuits from supplied tracing paper and components.

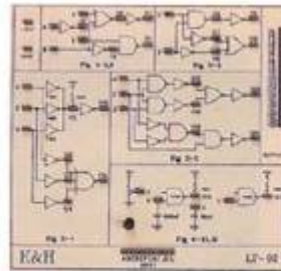
# ETS-7000A : Digital-Analog Training System

Electronic Educational System & Breadboard

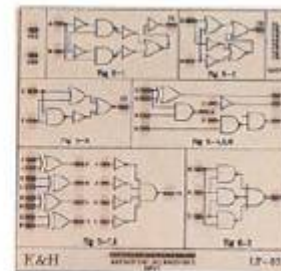
With optional package **LT-1000** (Digital Learner's Teacher)...



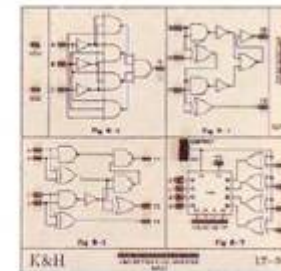
LT-01 EXPERIMENT 1,2



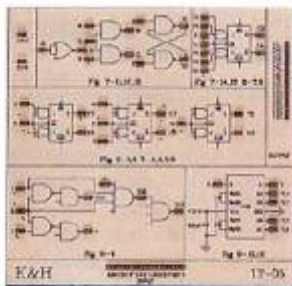
LT-02 EXPERIMENT 3,4



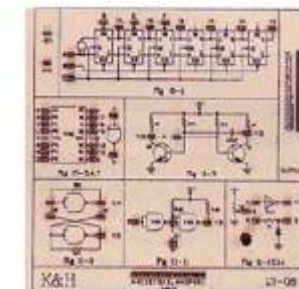
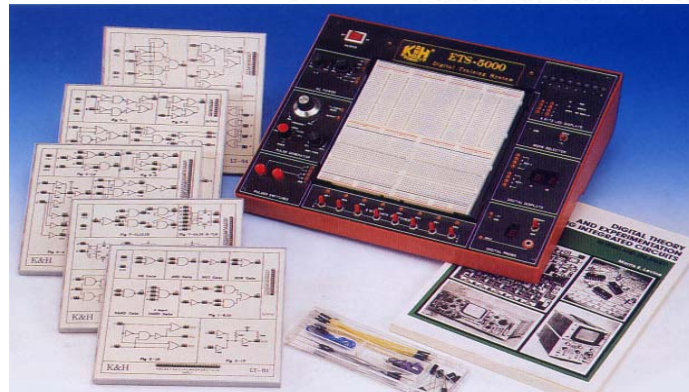
LT-03 EXPERIMENT 5



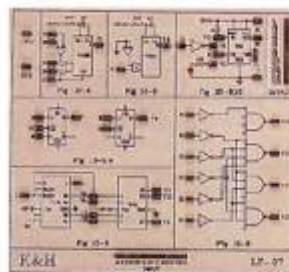
LT-04 EXPERIMENT 6



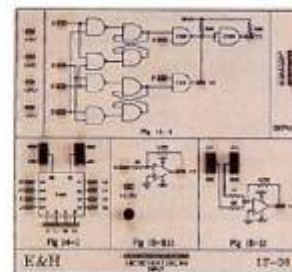
LT-05 EXPERIMENT 7,8,9



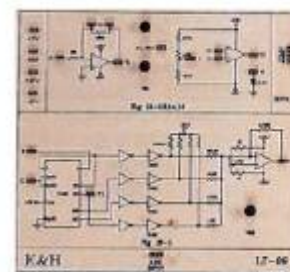
LT-06 EXPERIMENT 10,11



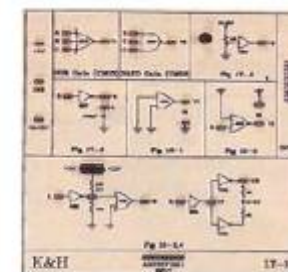
LT-07 EXPERIMENT 12,13



LT-08 EXPERIMENT 14,15



LT-09 EXPERIMENT 15,16



LT-10 EXPERIMENT 17,18

Model LT-1000 is available as an option for end users to *learn* digital circuits directly from 10 pcs of LT-1000 modules.