

# LEAPER-1

## Handy Digital IC Tester

### Introduction

LEAPER-1 is a portable IC Tester that is especially designed for digital ICs. It has 24-PIN ZIF socket to suit different digital ICs. No PC is required to operate LEAPER-1, it works complete in stand-alone mode through power adaptor or batteries.



### Standard Accessories

Main unit.....x1  
User manual.....x1

### Optional Accessories

DC 9V/500mA  
power adaptor.....x1  
SOP-16/20/28 adaptor.....x1

### Features

- Easy-operating, particularly designed for the digital ICs.
- Supported Device : 74 / 40 / 45 / 41 / 44 Serial.
- Small, portable, light and power-saving, usable with batteries.
- Average test time: 0.8 second.
- Display:16 characters in 1 line LCD.

### Specification

Display	16 x 1 character LCD
Test Pins	14~24 pin
Power	DC 9V/500mA
Dimension	16cm x 11cm x 4.5cm
Weight	340g
Operating Altitude	up to 5000m
Operating Humidity	90% (non-condensing)
Temperature	+5°C ~ +45°C

### Device Supported

74 Serial  
 7400 7401 7402 7403 7404 7405 7406  
 7407 7408 7409 7410 7411 7412 7413  
 7414 7415 7416 7417 7418 7419 7420  
 7421 7422 7423 7424 7425 7426 7427  
 7428 7430 7432 7433 7434 7435 7436  
 7437 7438 7439 7440 7441 7442 7443  
 7445 7446 7447 7448 7449 7450 7451  
 74H52 7453 7454 74H54 7455 7460 74H61  
 7463 7464 7465 7470 7472 7473 7474  
 7475 7477 7478 74H78 7480 7481 7482  
 7483 7484 7485 7486 7487 7489 7490  
 7491 7492 7493 7494 7495 7496 74105  
 74107 74109 74110 74111 74112 74113 74114  
 74116 74125 74126 74128 74132 74134 74135  
 74136 74137 74138 74139 74140 74141 74142  
 74143 74144 74145 74147 74148 74150 74151  
 74152 74153 74154 74155 74156 74157 74158  
 74159 74160 74161 74162 74163 74164 74165  
 74166 74168 74169 74170 74173 74174 74175  
 74176 74177 74178 74179 74180 74181 74182  
 74183 74184 74185 74189 74190 74191 74192  
 74193 74194 74195 74196 74197 74198 74199  
 74230 74231 74240 74241 74242 74243 74244  
 74245 74246 74247 74248 74249 74251 74253  
 74257 74258 74259 74260 74265 74266 74273  
 74274 74276 74279 74280 74283 74289 74290  
 74293 74295 74298 74299 74322 74323 74347  
 74348 74350 74351 74352 74353 74363 74364  
 74365 74366 74367 74368 74373 74374 74375  
 74377 74378 74379 74382 74386 74390 74393  
 74395 74399 74412 74425 74426 74445 74447  
 74465 74466 74467 74468 74490 74518 74519  
 74520 74521 74522 74533 74534 74539 74540  
 74541 74563 74564 74573 74574 74576 74580  
 74597 74620 74621 74622 74623 74638 74639  
 74640 74641 74642 74643 74644 74645 74646  
 74647 74652 74654 74668 74669 74670 74682  
 74683 74684 74685 74688 74689 74795 74796  
 74797 74798 74804 74805 74808 74810 74811  
 74821 74827 74832 74841 74874 741000 741002  
 741003 741004 741005 741008 741010 741011  
 741020 741034 741035 741036 741244 741245

40 Serial  
 4000 4001 4002 4007 4008 4009 4010  
 4011 4012 4013 4014 4015 4016 4017  
 4018 4019 4020 4021 4022 4023 4024  
 4025 4026 4027 4028 4029 4030 4031  
 4032 4033 4035 4038 4040 4041 4042  
 4043 4044 4048 4049 4050 4051 4052  
 4053 4054 4055 4056 4060 4063 4066  
 4067 4068 4069 4070 4071 4072 4073  
 4075 4076 4077 4078 40H78 4081 4082  
 4085 4086 4093 4094 4095 4096 4097  
 4099 40100 40101 40102 40103 40104 40106  
 40109 40110 40147 40160 40161 40162 40163  
 40174 40175 40181 40182 40192 40193 40194  
 40257  
 45 Serial  
 4501 4502 4503 4504 4506 4508 4510  
 4511 4512 4513 4514 4515 4516 4517  
 4518 4519 4520 4522 4526 4527 4529  
 4532 4539 4543 4551 4553 4555 4556  
 4560 4561 4566 4572 4581 4584 4585  
 41 Serial  
 4164 41256 411000 414000(DRAM 1-bit)  
 44 Serial  
 4464 44256 441000 (DRAM 4-bit)  
 \*74564 74574 need to be selected manually.

### Device Type

- 74 Series
- 40 Series
- 41 Series
- 44 Series
- 45 Series