ET-PGM PIC PK3   (P-ET-A-00463)
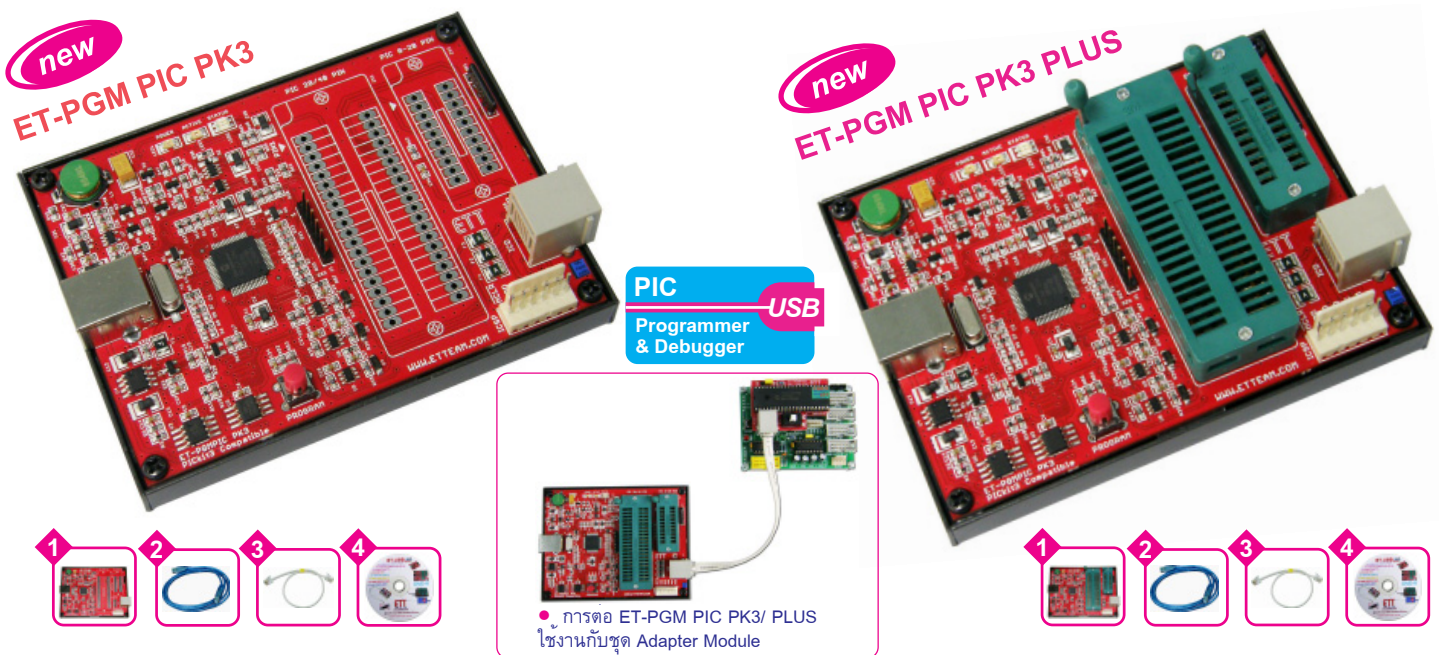
ET-PGM PIC PK3 PLUS   (P-ET-A-00464)

ET-PGM PIC PK3 and **ET-PGM PIC PK3 PLUS** is the Programmer device for PIC Microcontroller from MICROCHIP; specifications of HARDWARE and SOFTWARE are equivalent to PICkit3 Programmer from MICROCHIP. It can program and debug many PIC Microcontroller numbers that have FLASH MEMORY such as Microcontroller PIC10, PIC12, PIC16, PIC18, dsPIC30, dsPIC33, PIC24, PIC32.

ET-PGM PIC PK3 and ET-PGM PIC PK3 PLUS are connected with computer PC through PORT USB; it uses Power Supply from PORT USB and it can program with high speed. Moreover, user can upgrade newer Firmware versions by oneself through computer.

Furthermore, ETT has designed additional ADAPTER for programming into MCU of MICROCHIP directly, without having any Connector for programming on board; so, it is more convenient to develop program because it is unnecessary to remove any IC from board or design any connector for programming. Now, there are 6 ADAPTER versions that are compatible with MCU DIP TYPE 40PIN, 28PIN (wide pin), 28PIN (narrow pin), 20PIN, 18PIN, 14PIN (ET-ADAPTER PIC USB–XXX). It is important to users when the product is out of order, user can send the product to ETT to repair and maintain all the time because this ET-PGM PIC PK3 is made by ETT. It does not waste much time to send it to foreign country to repair like in the past.

new ET-PGM PIC PK3

PIC Programmer & Debugger **USB**

● การต่อ ET-PGM PIC PK3/ PLUS ใช้งานกับชุด Adapter Module

new ET-PGM PIC PK3 PLUS

Be compatible with Microcontroller MICROCHIP Ver.12 BIT / 14 BIT - PIC10FXX, PIC12FXX, PIC16FXX

| PIC18FXX | PIC18FXJXX | PIC18FXKXX | PIC24XX | dsPIC33XX | PIC32XX |

● Support PIC Microcontroller that is equivalent to PICKIT3 of MICROCHIP; it is compatible with newer PIC numbers that PICKIT2 cannot support such as No.PIC18F46K80, PIC32MX460F512L, PIC32MX795F512L, and etc

● Interface through USB PORT (Full Speed 12 Mbits/s)

● Use Power Supply from Connector USB PORT for Board

● Has Circuit POLY SW 500mA and 50mA to protect board from short-circuit

● Can program and debug board numbers in series of PIC and dsPIC

● Be compatible with board that uses Power Supply in the range of 2.0-6.0V

● Has 512 KBYTE FLASH Memory and can use Function Programmer-TO-GO

● Can program MCU by using TEXT TOOL 40PIN and 20 PIN; version ET-PGM PIC PK3 PLUS is compatible with MCU PIC 8PIN to 40PIN

● Has 2 types of Connector IN-CIRCUIT SERIAL PROGRAMMING

– Connector MODULAR JACK RJ11 according to the standard of MICROCHIP(ICD2); it can interface with ETT Board in the series of PIC USB and other series of PIC Board that uses Connector MODULAR JACK RJ11, according to the standard of MICROCHIP

– Connector 6PIN WAFER 2.54mm.

● Can connect with Module ET-ADAPTER for EMULATOR Programming into Board TARGET directly such as ET-ADAPTER PIC USB-XXX

● PCB Size: 10x7.5 cm. with Base

● Can be used with Program MPLAB IDE, PICkit 3 Programmer of MICROCHIP; and support the operation under OS WINDOWS XP, WINDOWS Vista, WINDOWS 7

● **ET-PGM PIC PK3** consists of …
1. Board ET-PGM PIC PK3   **2.** Cable USB TYPT A/B
3. Cable RJ-ICD2   **4.** CD-ROM

● **ET-PGM PIC PK3 PLUS** consists of …
1. Board ET-PGM PIC PK3 PLUS with TEXT TOOL 40PIN and 20PIN
2. Cable USB TYPE A/B
3. Cable RJ-ICD2   **4.** CD-ROM