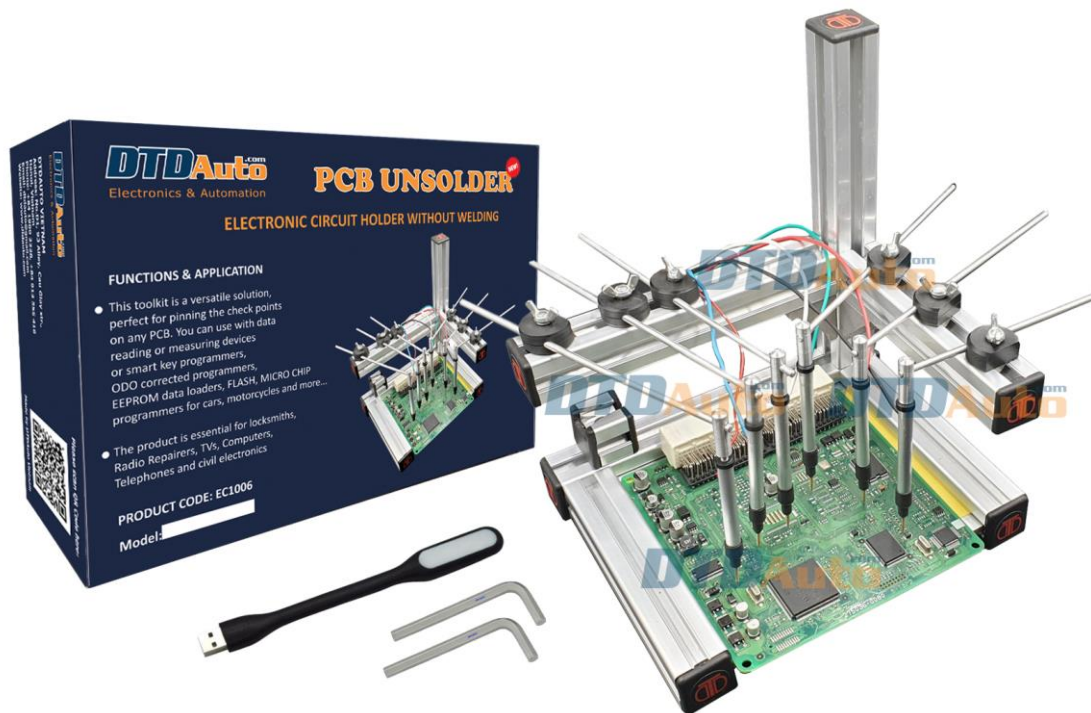


❖ IMAGE



❖ INTRODUCTION

- **PCB UNSOLDER** is the name of the toolkit used to connect multiple electrical points on the types of electronic printed circuit boards in the interim period to operate: measuring, diagnosing, testing, loading software, reading and writing data... without the need to solder on the circuit, without leaving traces of interference, repair, convenient for the repairer.

- Product researched, manufactured and registered Copyright by DTDAuto Vietnam Company 2020.

- This toolkit is a versatile solution, perfect for pinning the check points on any PCB. You can use with data reading or measuring devices or smart key programmers, ODO corrected programmers, EEPROM data loaders, FLASH, MICRO CHIP programmers for cars, motorcycles and more. The product is essential for locksmiths, Radio Repairers, TVs, Computers, Telephones and civil electronics

*** Why do DTDAuto's experts recommend using this product?**

In fact, mechanic repairing cars, motorcycles, locksmiths that welding electronic circuits is often not a strong point, not a forte and not confident, so it is often the fault of causes. The following:

- The skill of solder, the quality of solder toolkit, your soldering tin is not up to the standard, so the solderpoint is dry, not puree solder and poor electrical contact, the total resistance of the wire circuit and solderpoints but greater than 10R will not be able to transfer high speed data.
- You hold the soldering tool for too long, too hot to burn IC damage on the circuit board or the weld is not in contact, shaky hands make faulty electrical circuits and ECU faults
- Some guy still keep their hands during data transmission or use homemade needles, no fixed pressure force, loose, poor electrical contact or actively extending the cable of the reading cable out meters, or using the power supply from the 220V AC adapter is not good, not stable those are common causes.

From those issues, DTDAuto's experts recommend that you choose good solution is this **PCB UNSOLDER** product.

❖ **WHAT ARE THE ADVANTAGES OF THE PRODUCT?**

Unlike conventional low-cost products and home-made products of workers, PCB UNSOLDER is studied, meticulously designed, precise, sophisticated, durable, versatile and reliable and address most of the disadvantages of other products on the market. In particular, the product is designed to be capable of flexible multi-directional adjustment (3D) independently of each pressured point and has the ability to adjust the needle pressure independently according to the user's wishes and can also give an needle additional option as desired. You can pin custom electrical contacts according to your actual circuit such as:

- Common type: points to be pinned on the horizontal plane
- Wide PCB type: check points need to be pin far apart on a large area
- Thick PCB type: check points need to be monolithic on a thick whole
- Non-plane PCB type: the points to pin are not the same plane
- Complex type: very close electric points, not on the same plane, with inclined sides and electric points to be pinned on the top of undulating components ...

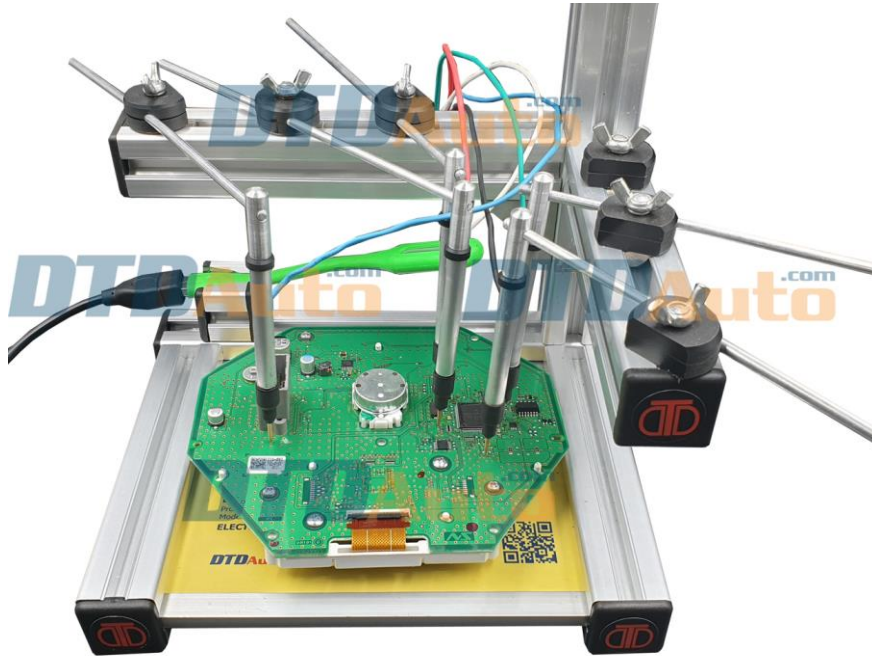
❖ **SPECIFICATIONS**

- Designing style is assembly of separate components
- Materials: Cast aluminum

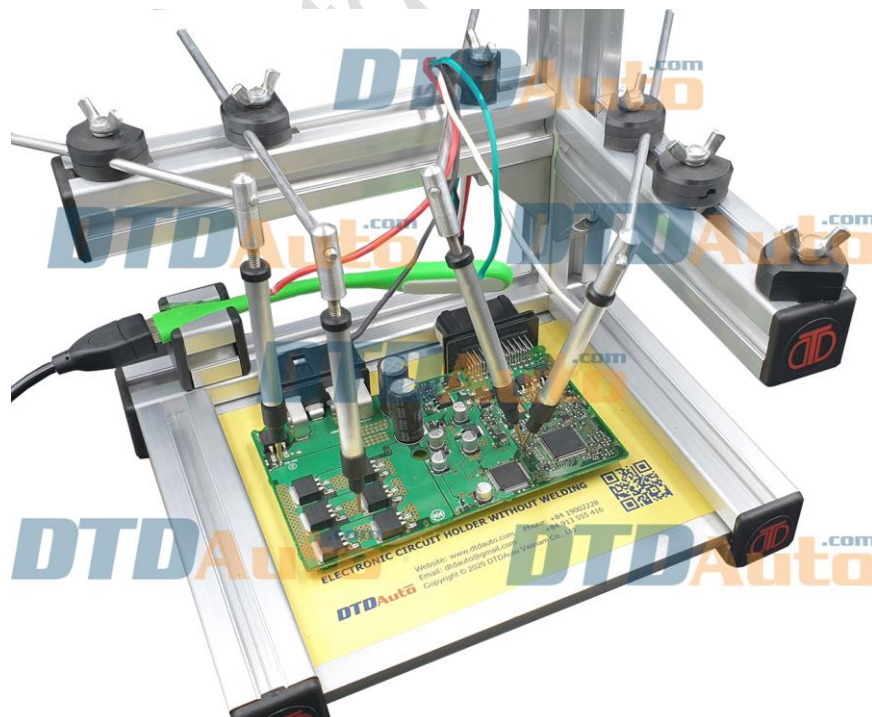
- Size: 23x19x26 cm

- Weight: 2kg

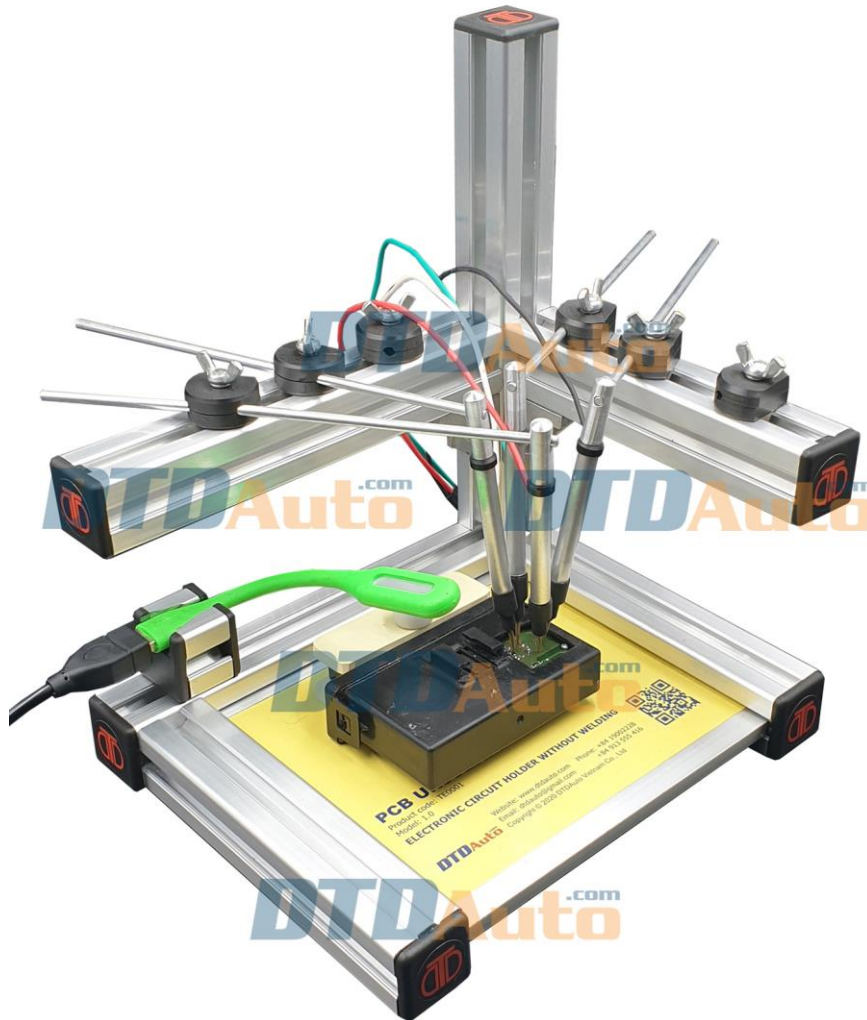
❖ PHOTOS



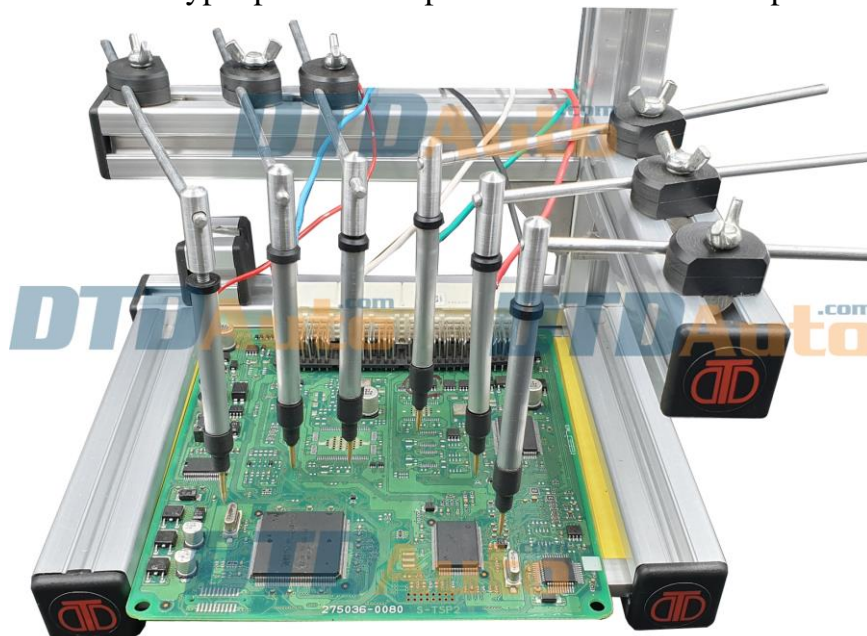
Common type: points to be pinned on the horizontal plane



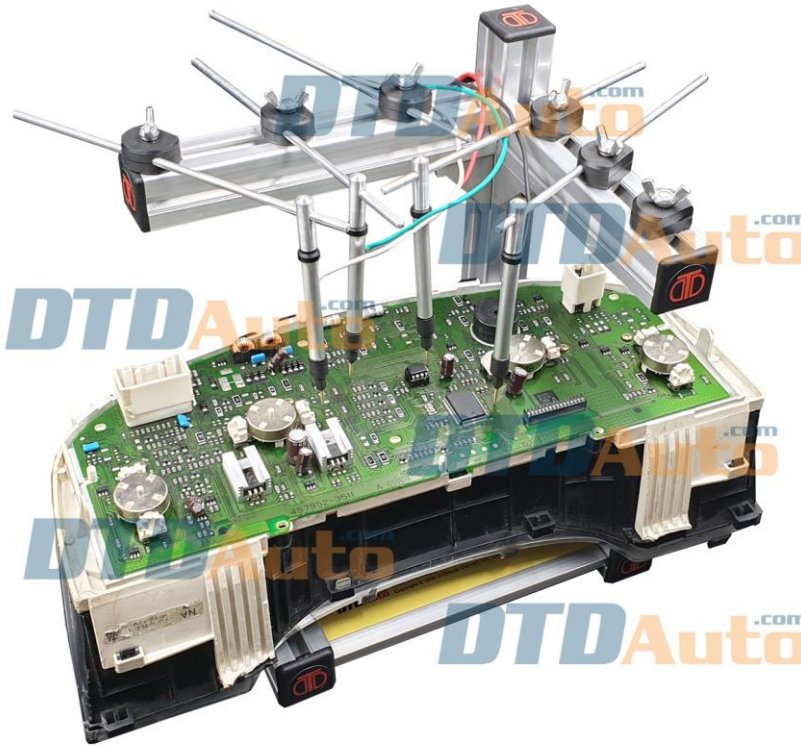
Common type: points to be pinned on the horizontal plane



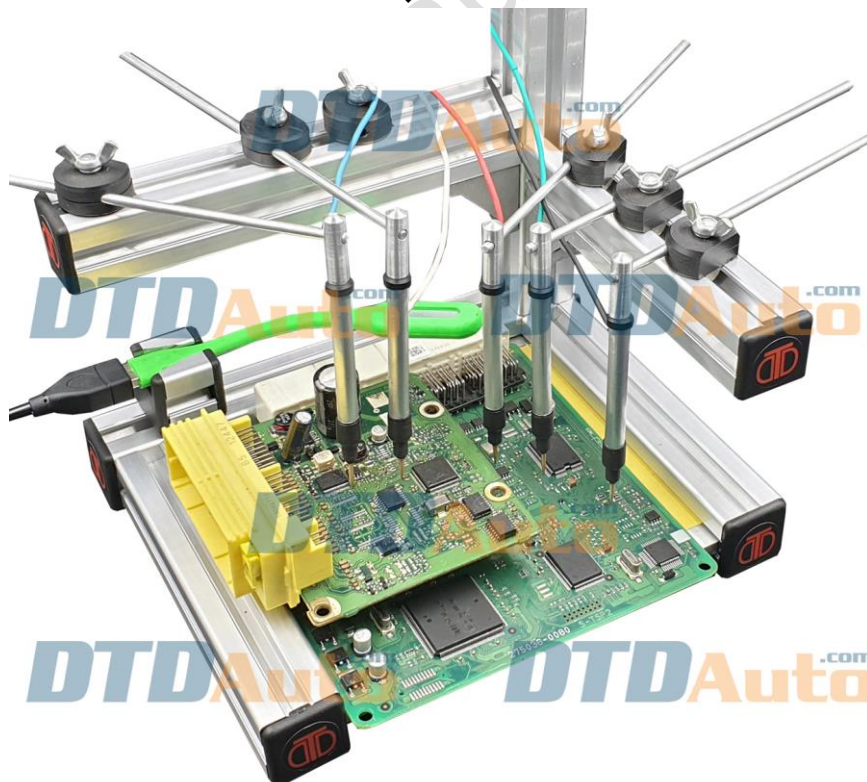
Common type: points to be pinned on the horizontal plane



Wide PCB type: check points need to be pin far apart on a large area



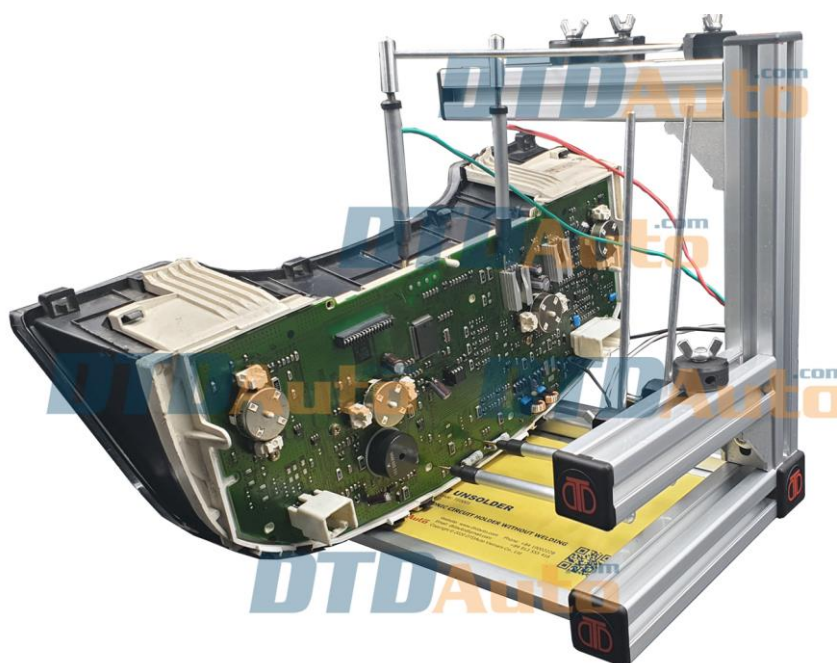
Thick PCB type: check points need to be monolithic on a thick whole



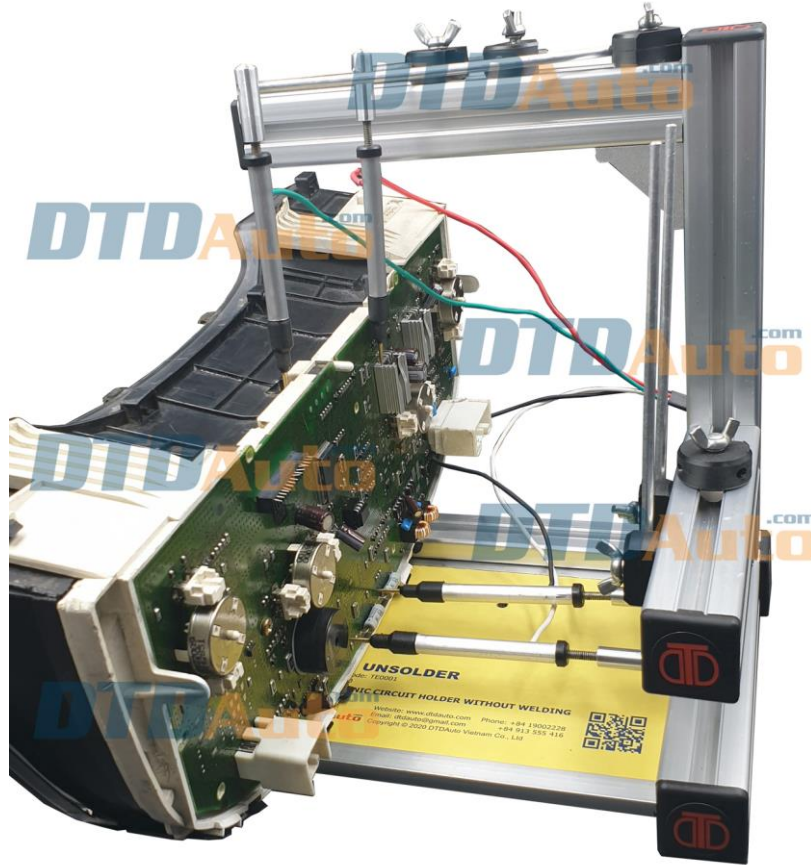
Non-plane PCB type: the points to pin are not the same plane



Non-plane PCB type: the points to pin are not the same plane









Complex type: very close electric points, not on the same plane, with inclined sides and electric points to be pinned on the top of undulating components



Complex type: very close electric points, not on the same plane, with inclined sides and electric points to be pinned on the top of undulating components

❖ ACCESSORIES

NO.	DESCRIPTION	IMAGE
1	01 Main set of toolkit	

2	06 Electric check needles (standard kit, you can order more needles)	
3	06 Multi-function rack supports electric pins	
4	01 Electric light	
5	02 Screw tools	
6	01 Quick guide	
7	01 Carton box	

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