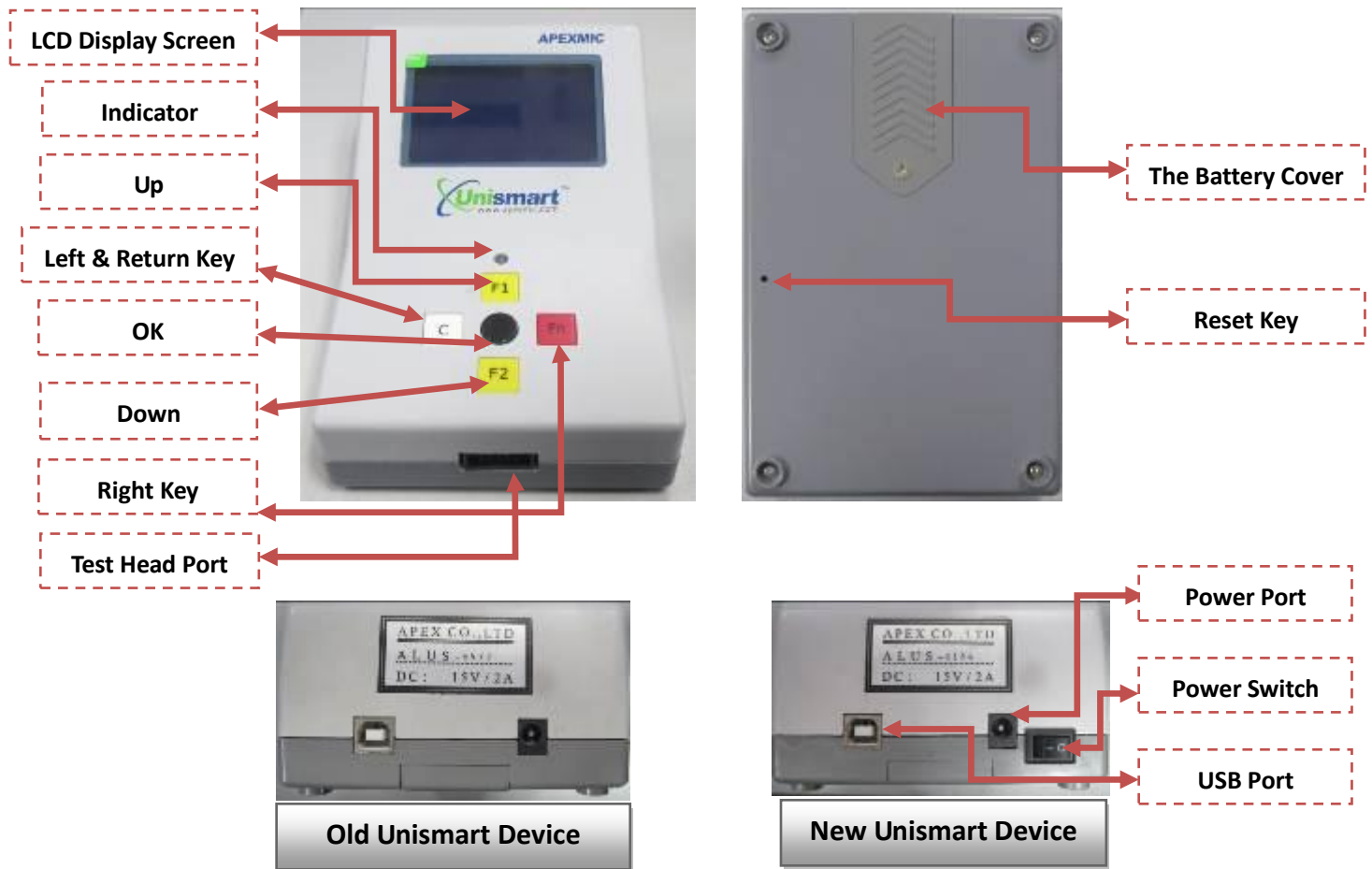


1. Unismart II System Structure



◆ 1.1 Unismart Device Accessories Introduction



◆ 1.2 Electrify Unismart Device

Plug the Unismart's adapter into the DC port of R&W device. Connect the R&W device and the JIG head with the JIG connecting line. See the photos on the right:



2. Unismart Operating Instruction

2.1 Unismart Module

Unismart's program and verification module: it can realize 4 functions, including **Apex Check**, **Apex Program**, **OEM Reset**, and **OEM Check**.

I. Apex Program & Apex Check

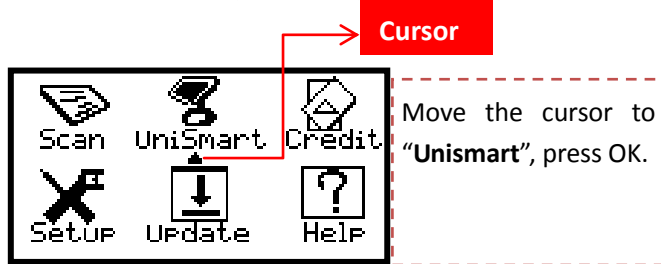


Figure 1

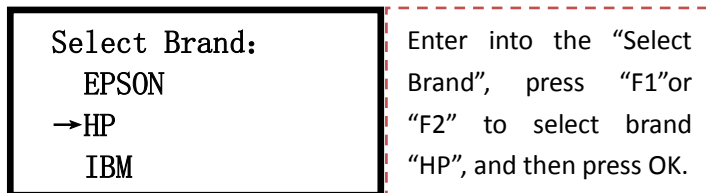


Figure 2

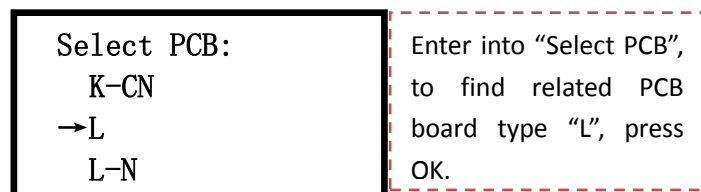


Figure 3

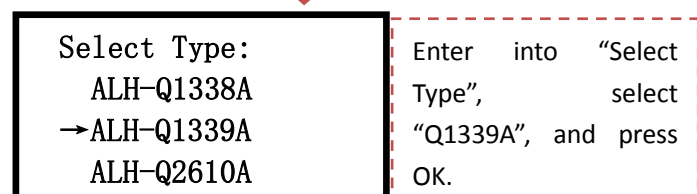


Figure 4

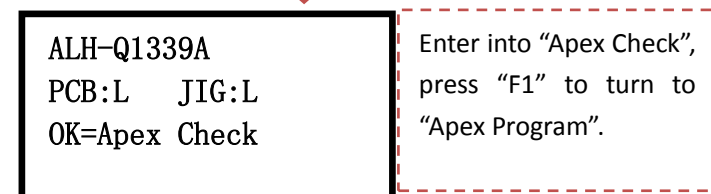


Figure 5

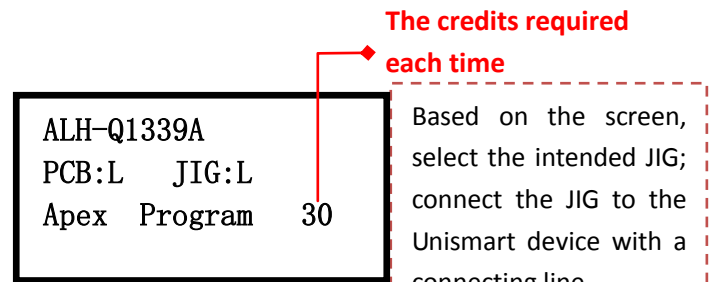


Figure 6



Figure 7

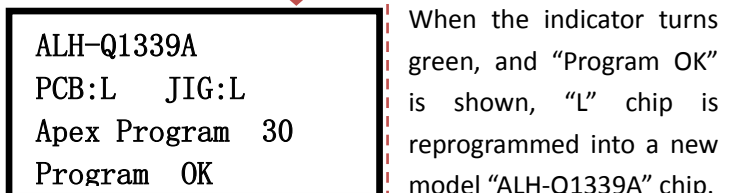


Figure 8

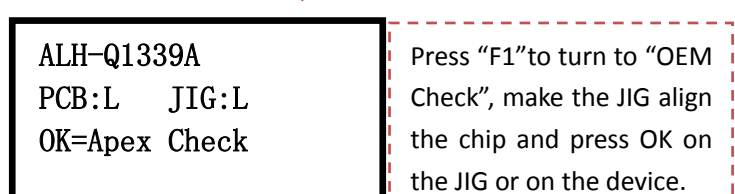


Figure 9

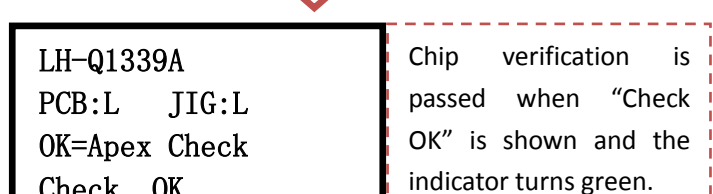


Figure 10

Note: the operation procedure above is for HP models and it can also be applied to other brands.

II. OEM Reset & OEM Check

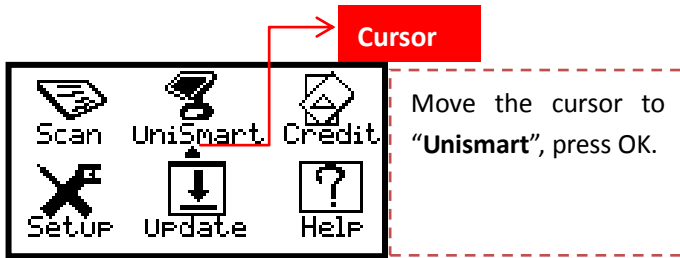


Figure 11

ARH-CC364X
PCB:K-C JIG:K
OK=OEM Reset 30

Based on the screen, select the intended JIG, and then connect the JIG to the Unismart device with a connecting line.

Figure 16

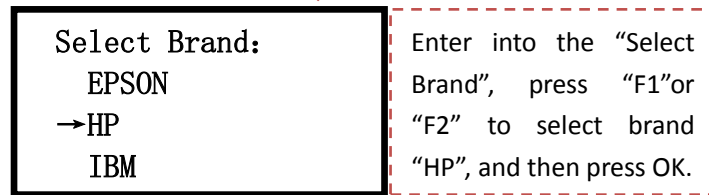


Figure 12

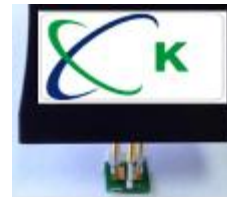


Figure 17

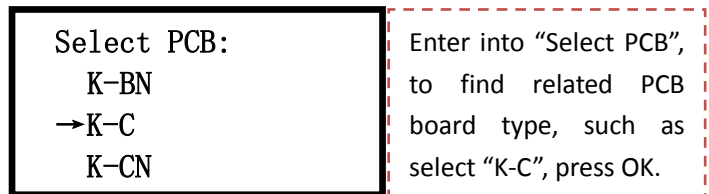


Figure 13

ARH-CC364X
PCB:K-C JIG:K
OK=OEM Reset 30
Reset OK

"K-C" chip has been rewritten into a new model "ARH-CC364X" when "Reset OK" is shown and the indicator turns green.

Figure 18

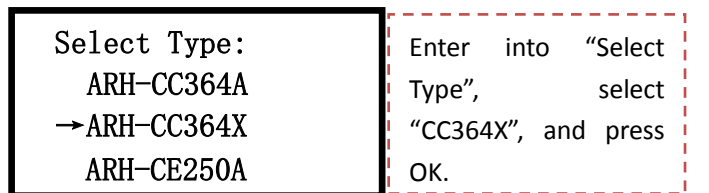


Figure 14

ARH-CC364X
PCB:K-C JIG:K
OK=OEM Check
Reset OK

Press "F1" to come to "OEM Check". Make the JIG align the chip, press OK on the JIG or on the device.

Figure 19

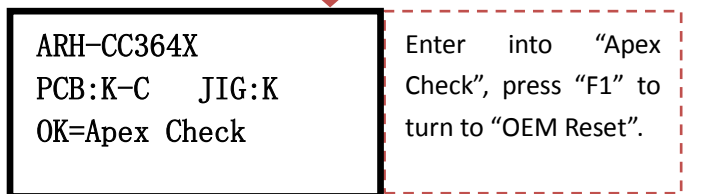


Figure 15

ARH-CC364X
PCB:K-C JIG:K
OK=OEM Check
Check OK

The chip verification is passed when the "Check OK" is shown and the indicator turns green.

Figure 20

Note: the operation procedure above is for HP models and it can also be applied to other brands.

PS: how to search models quickly (take HP Q1339A as an example)

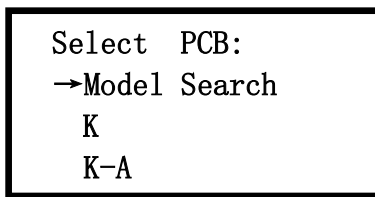


Figure 21

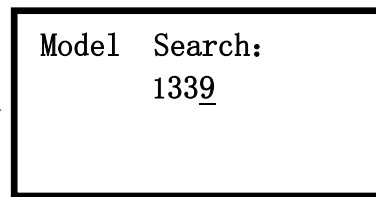


Figure 22

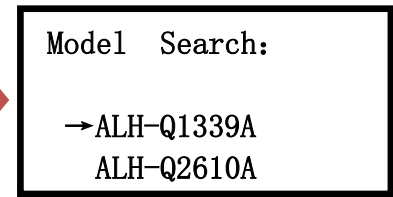


Figure 23

- ◆ Enter into “Unismart” and find HP, press OK when the cursor reaches to “Model Search”;
- ◆ Press F1 or F2 to change the number (F1 is for number increase, F2 is for number decrease), press C or Fn to move the cursor (you can input no more than 6-figure number), and input “1339”, and press OK.
- ◆ Find the concerned model “Q1339A” and then press OK to enter into the program module.

Note: the operation procedure above is for HP models and it can also be applied to other brands.

2.2 Scan Module

It can read related printer brand and related Unismart product model information from the well-programmed Unismart chip.

Note: the Scan module only works for Apex new chips.

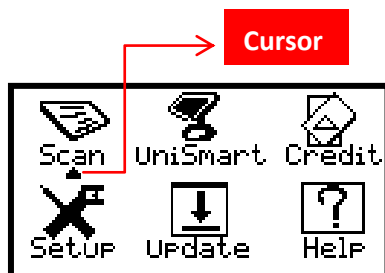


Figure 24

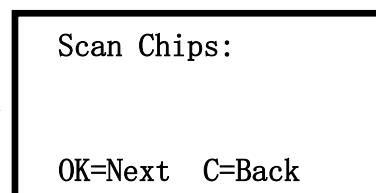


Figure 25

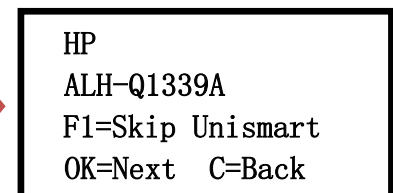


Figure 26

1. Move the cursor to “Scan”, press OK.
2. Make the JIG align the chip, press OK on the JIG or on the device.
3. The indicator turns green, and the screen displays the brand and chip model information.

2.3 Credit Module

To record the device’s ID and the remaining credits:

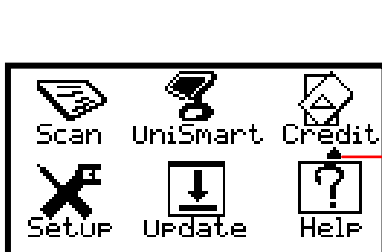


Figure 27

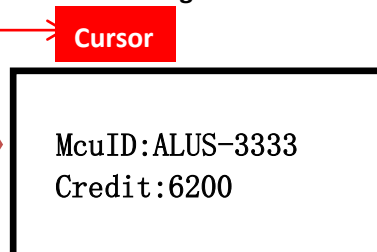


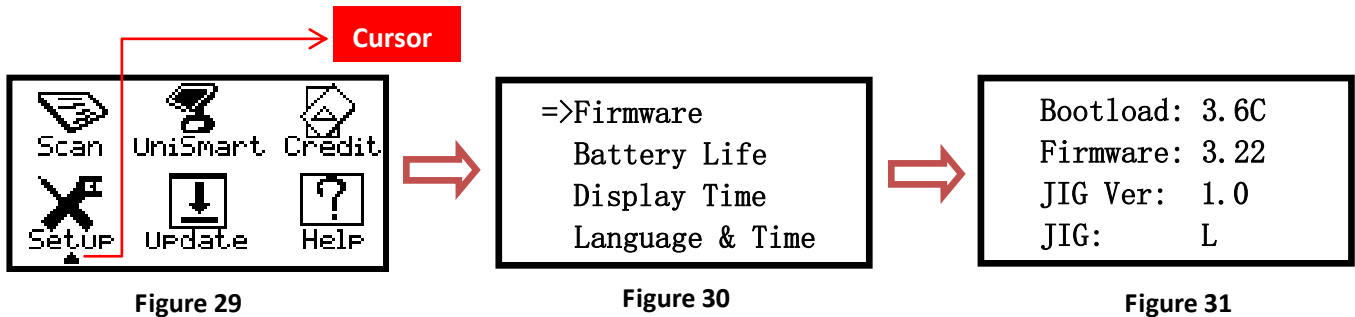
Figure 28

Move the cursor to “Credit”, press OK. “McuID” means the device’s ID. Here, the device’s ID is ALUS-3333; “Credit” means the remaining credit amount. Here, the remaining credit amount is 6200.

2.4 Setup Module

To check the software version number of the device and the JIG:

(Note: make sure that the device connects to the JIG, if not, only the device's hardware version and the software version can be checked.)



1. Move the cursor to "Setup", press OK.
2. Select "Firmware" function, press OK.
3. "Bootload" stands for the device's hardware version; "Firmware" stands for the device's software version; "JIG Ver" stands for the JIG's software version; "JIG" stands for the JIG. Thus, in figure 28, the device's hardware version is 3.6 C; device's software version is 3.22; the JIG's software version is 1.0; the JIG is L.

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