



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## USER GUIDE



### PH 113 Refill Kit

#### Introduction

Congratulations on your purchase of the Extech PH113 Refill kit. This kit is used to replenish a refillable electrode when the solution is depleted. The refill kit includes:

- Two (2) reference junction removal tools
- Two (2) reference junctions
- 15 ml bottle of refill solution



#### Description of supplied materials

##### Reference Junction Removal / Install Tool

Use the supplied removal tool to remove the reference junction from the electrode.

##### Reference Junction

Side view of junction:  Top view of junction: 

##### Filling Solution

The supplied container includes 15ml of filling solution. This is enough solution for 4 to 5 refills. Use only the supplied solution for refilling the electrode.

#### Electrode Refilling

##### Removing the Reference Junction

The supplied removal tool is used to remove the reference junction from the bottom of the electrode. If the reference junction does not have slots for the 'teeth' of the removal tool to lock onto, the electrode is NOT refillable.

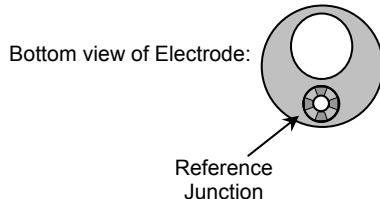
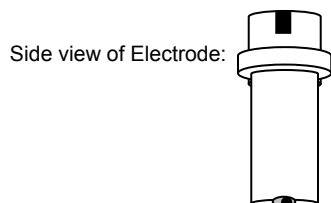
Holding the electrode upside down, unscrew and remove the reference junction using the supplied removal screwdriver.

##### Filling the Electrode

1. Once the reference junction is removed, fill the cavity with the supplied refill solution.
2. Replace the reference junction using the removal/installation tool. (Spare junctions are provided).

##### Refillable Electrode

The Electrode connects to the PH110 or PH100 ExStik™



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