

# Electrochemical Etching System for STM tip

## Model UTE-1001

UTE-1001 makes a very sharp STM tip by electrochemical etching. A tungsten wire submerged into Potassium Hydroxide solution is applied voltage and at the end of the tip comes to very sharp. UTE-1001 shut down automatically when etching process finished, so you can get nearly same quality tip if you use same concentration about reagent and voltage.



# Electrochemical Etching System for Stm tip UTE-1001

## ▶ Component

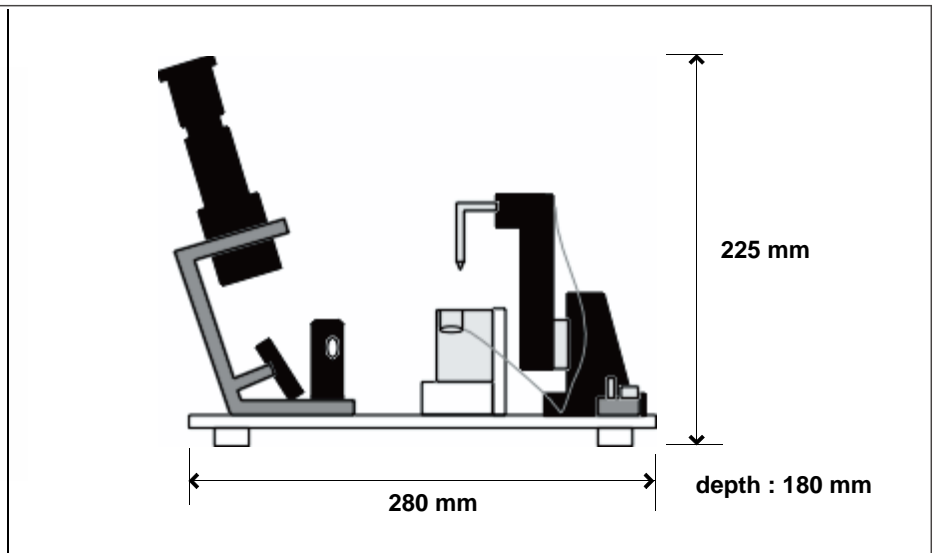
Main Unit	: 1
Power Supply	: 1
Cable	: 1
Electrochemical Cell	: 1
Cell Table	: 1
Accessories	: 1
Mini Maglite	: 2
Tungsten Wire (phi 0.3mm x 30mm)	: 3

## ▶ Specifications

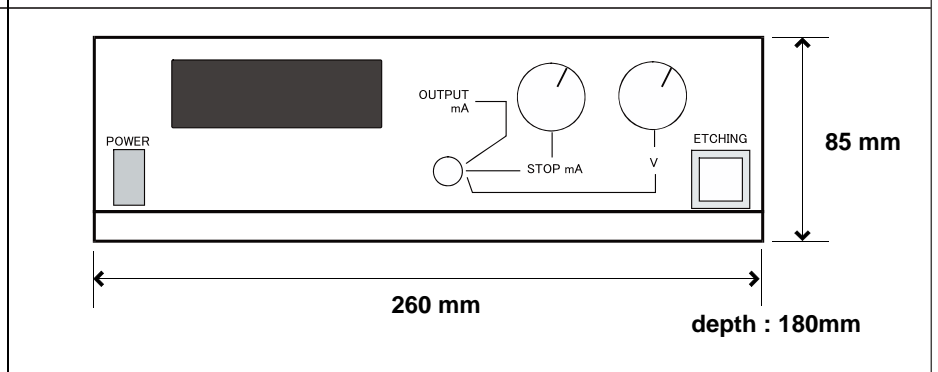
Input Power	: 100,115,120,220,240VAC (Selectable, but it must be ordered with original order, cannot be added later as option)
Voltage Setting	: DC 0~12V
Stop Current	: 0~3mA
Tip Material	: Tungsten (phi 0.3mm)
Tip Curvature Radius	: tens of nano meter



**Main Unit**



**Controller / Power supply**



*Instrumental components subject to change without prior notice for improvement in performance.*

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