

# 电解双喷减薄仪 北京德东科技有限公司

产品名称	电解双喷减薄仪 北京德东科技有限公司
公司名称	北京德东科技有限公司
价格	1.00/个
规格参数	
公司地址	北京市海淀区楼北清路164号17-27号院443号
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## 产品详情

DJ2000制冷型电解双喷减薄仪，是利用光电技术和半导体致冷技术研发出的新一代透射电镜样品制备产品。此产品实现技术上的两大突破，使用本产品进行电镜样品制备，具备以下优点：

1. 半导体致冷：

替代液氮，不但使实验更加方便，而且避免了使用液氮的危险性。

2. 自动控制穿孔：

利用软件设定不同的参数指标，自动控制穿孔过程。不但避免了的眼睛观察的疲劳感和不确定性，同时还大大提高了穿孔的灵敏度，使样品产生超微细孔，有利于薄区的产生。

### Introduction

The DJ2000 refrigerated electrolytic polisher, a new generation product for transmission electron microscope (TEM) sample preparation combined with electro-optics and semi-conductor refrigeration technique. Two technical breakthroughs have been realized in this product. First one, the traditional liquid nitrogen cooling technique was replaced by semiconductor refrigeration technique to make the low temperature environment; the other one is that software was used to guarantee more accurate judgment when perforation occurred on the sample.

Compare to those traditional products, this new generation product has the following advantages:

1. The traditional liquid nitrogen cooling technique was replaced by semiconductor refrigeration technique. It could not only assure the more convenience operation, but also remove the hazard for using liquid nitrogen.
2. The software could automatically control and stop the perforation process. Therefore, no human eyes are needed any more. The judgment accuracy of perforation will be remarkably improved and the precise judgment for super small holes on samples could be realized.

#### 性能指标

额定电压	220V , 单相
额定频率	50Hz
额定功率	600W
制冷功率	280W
致冷水流量	5L/Min
制冷温度	- 30
电解电流	0 - 120mA
电解电压	0 - 80V
电解液注入量	<200mL
电解槽尺寸	200mmX170mmX190mm
电源箱尺寸	340mmX240mmX180mm
电解槽重量	8kg
电源箱重量	8kg

Specification:

Power Voltage	220V , Single phase
Power Sequence	50Hz
Power Capacity	600W
Cooling Capacity	280W
Flow rate of Cooling water	5L/Min
Electrolyte temperature	- 30
Electrolysis current	0 - 120mA
Electrolysis Voltage	0 - 80V
Quantity of Electrolyte	<200mL
Electrolyzer Size	200mmX170mmX190mm
Controller Size	340mmX240mmX180mm
Electrolyzer Weight	8kg
Controller Weight	8kg