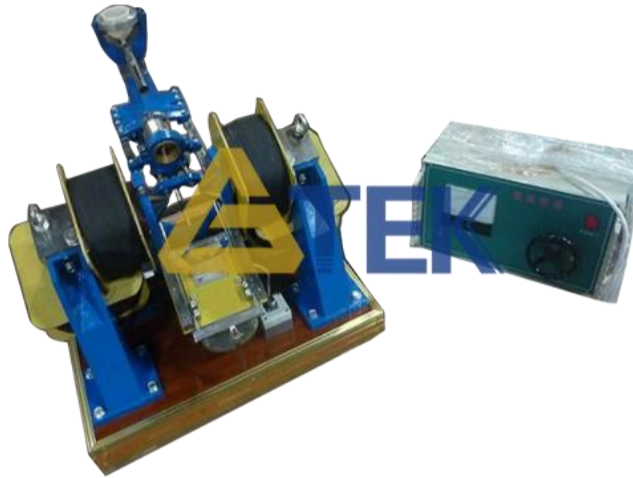


## **GTEK Davis Magnetic Tube**



### ● **Description**

The Davis magnetic tube or Davis magnetic tester is a laboratory machine designed to separate a small sample of pulverized magnetic iron ore into magnetic and non-magnetic fractions. The Davis separation tube is positioned between poles of a powerful electromagnet at an angle of 45° (adjustable) that is agitated back and forth and rotated by a motorized system. Magnetic particles are collected inside the tube in the zone of intense magnetism and all non-magnetic minerals are washed out.

### ● **Application**

XCGS Davis magnetic tube or Davis magnetic tester can be used in laboratories of mine, metallurgy and geology.

### ● **Technical Specification**

<b>Magnetic Field Parameters</b>	
<i>Distance Between Two Magnetic Poles</i>	52 mm
<i>Magnetic Field Strength</i>	200 kA/m (stepless adjustable)
<b>Glass Tube Parameters</b>	
<i>Diameter</i>	Φ50 mm
<i>Oscillation Frequency</i>	70 times/min
<i>Migration Distance</i>	40 mm
<i>Feeding Size</i>	0.5 mm
<i>Power Supply</i>	1P / 220V / 50HZ
<i>Weight</i>	200 Kg