

# GTEK

## Dry High Intensity Roll Magnetic Separator

### Brochure



#### Description

XCQG Dry High Intensity Roll Magnetic Separator is applicable to dry separate weakly or strongly magnetic minerals in labs of research institutes, geological prospecting units in metallurgical, geological, building material industries. It introduces a close magnetic circuit with double working face and comprises Excitation System, Driving Mechanical Feeding System and Product Clean-up and Collection System. Electromagnetic vibrating feeder delivers minerals to separation area and allow the minerals to automatically be divided to magnetic and non-magnetic minerals by controlling magnitude of magnetizing current when passing through magnetic gaps for discharge, achieving the separation effect.

#### Technical Specification

<i>Model</i>		XCQG120×(30+30)
<i>Roll Size (mm)</i>		Φ120×(30+30) double-side
<i>Magnetic Intensity (MT)</i>		1400 (14000 GS) adjustable
<i>Impeller Diameter (mm)</i>		55
<i>Roll Rotating Speed (r/min)</i>		4,6,8 adjustable
<i>Pole Pitch (mm)</i>		33
<i>Capacity (kg/hr.)</i>		5-25
<i>Feeding Size (mm)</i>		0-5
<i>Power (VA)</i>		500
<i>Overall Dimensions</i>	<i>Length (mm)</i>	360
	<i>Width (mm)</i>	450
	<i>Height (mm)</i>	460
<i>Weight (kg)</i>		75