JIUJUOK®
充 磁 设 备

充磁设备
Magnetizing equipment

应用于磁性材料的磁化
Applied to magnetization of magnetic materials

— 设备创造价值 —
—Equipment creates value—

全国服务热线：400-777-9399
Nationwide service hotline: 400-777-9399

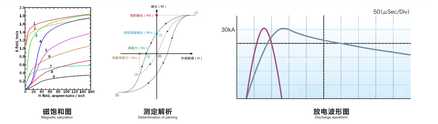
工作原理
Working principle

充磁电源（主机） Magnetizing power supply (main unit)　充磁线圈（充台） Magnetizing coil (charging station)　冰水机（冷却设备） Cooling water machine (cooling equipment)

利用高压电容进行储能，然后瞬间对充磁线圈放电，在充磁线圈上产生大电流，根据法拉第电磁感应定律，在充磁线圈上产生磁场，当磁场足够大到克服磁性材料的内禀矫力后，当外磁场消失后，磁性材料本身会有剩磁，这样就完成了充磁过程。

The high voltage capacitor is charged by the boosting circuit, and the electric charge stored in the capacitor is passed through the control circuit to instantaneously discharge the inductor coil to generate a super-strong current. According to Faraday's law of electromagnetic induction, when the magnetic field is large enough to overcome the intrinsic coercive force of magnetic material, disappear when the external magnetic field, magnetic material can have residual magnetism itself, this completes the magnetization process.

磁性曲线及放电波形图
Magnetic curves and discharge waveforms


磁场（T/kG）
磁感应强度（B）
磁场强度（H）
磁通密度（Φ）
磁场强度（H）
磁通密度（Φ）
磁场强度（H）
磁通密度（Φ