

# Product Information

## Inland Kristall 1S Glass Grinder.

The Kristall 1S is a good all-round entry level machine for the stained glass hobbyist. Although not as powerful as the Glastar All-Star or Pro-Star models, it is simple to use and its size, design, and power make it capable of handling most glass grinding tasks. It is the first machine to be developed in the Kristall range, with a strong motor and the traditional Sponge Cooling System.

### Key Features:

- Powerful .353 N-m motor makes it the most powerful grinder in its class.
- Water cooled grinding bit.
- Premium double ball-bearing motor construction.
- Large 235mm x 280mm work surface.
- Standard 19mm grinding head included.
- Coolant reservoir sponge included.
- Can be used with most Inland grinder bits including 25mm (1") if desired.
- Many optional accessories will also work with the Kristal machines.
- Two Year Warranty.
- 240V 50Hz.
- Certified CE Compliant.

### Specifications:

- **Construction:** Injection molded plastic
- **Voltage:** 240V
- **RPM / UPM:** 2970 idle, ~2500 at peak torque
- **Maximum Torque:** 0.353 N-m / 50 oz-in
- **Frequency:** 50Hz
- **Maximum Horsepower:** 1/8 HP
- **Watts In:** 74 idle, 190 loads
- **Watts Out (at peak torque):** 92
- **Thermal Protection:** YES

### Supplied with:

- Kristall 1S grinder body
- Work surface
- Splash guard
- 19mm grinder bit
- Allen key
- Sponge
- User guide

### Other information:

It is important to wear protective glasses when using this machine.



Add a small amount of Vaseline or similar to the shaft to prevent the grinding head from ceasing.