

# Safety instructions when using the laser engraver

1. When the laser engraver is in use, wearing laser safety glasses is mandatory for the operator as well as any person in the proximity of the machine. Our Ortur Laser Master ships with a pair of goggles but additional laser safety glasses can be purchased commercially. **Goggle Requirements: WaveLength Protection 400-445nm (+-5nm), O.D.+5, L-Rating Minimum required L5**
2. Use the laser engraver in a room that can be closed by a door and ensure that neither laser beams nor stray light can penetrate through the windows.
3. While using the laser engraver, use door signs or a warning light on the door that indicates the laser engraver is in operation.
4. Make sure that there are no flammable materials near the laser engraver, we recommend the use of a fireproof pad as a work surface.
5. When operating the laser engraver, ensure that there is adequate ventilation. Engraving certain materials might produce smoke that should be evacuated by the use of a dedicated filtered Air Extractor.
6. Do not reach or touch the laser beam or use tools while machine is operating. This can result in severe burn injuries or reflection of the beam.
7. Do not let children or adolescents work alone with the laser engraver. Adult supervision is required at all times.
8. For commercial use, the use and registration of supervisory authority and the professional association is mandatory.