

General Information for Use and Safety

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acurata instruments are intended for the foot care field and must only be used by respective persons who, due their training and experience, are familiar with the use of the products. The instruments are supplied non-sterile and have to be prepared prior to first use (refer to Recommended Hygiene Procedures <http://www.acurata.de/en/service/recommended-hygiene-procedures>).

General information for use for rotary podiatry instruments

Use only technical and hygienic correct drives with a stable ball bearing! Carefully clamp the instruments as deep as possible and assure that the desired speed is reached prior to usage. Please note the maximum allowed engine speed as stated on the packaging label. Avoid levering or canting, otherwise there is risk of fracture. We recommend working with the wet technique; this provides a high level of safety against thermal damages. Separate blunt, twisted or damaged instruments immediately and do not use them again. Avoid contact with H_2O_2 . The contact pressures should be light, do not exceed the maximum of 2N. Excessive contact pressures can cause damage to the instruments. In extreme cases the instrument can fracture! At the same time a higher heat development is generated. Overheating may harm skin / nail, instruments wear faster and surfaces get coarser. Improper usage increases risk, higher wear and inferior work results!

Hinweise: Polishers and instruments with long working part and respectively long, slender necks or for specific application areas exceeding the maximum allowed speeds can cause oscillations (vibrating) or displacement (whippings). This can result in fracture or heavy damage. Non observance causes an increased security risk! The respective maximum speed is a theoretical value given on the basis of the geometry of the instruments. The choice of the working speed is determined by the material subsequently to be used, the specific indication, the type of handpiece used and the contact pressures and is at user's discretion.

Maximum speeds – table of reference values

Handpiece instruments (ISO 1044) ISO Ø:

003–023 max. 50.000 min⁻¹ • 025–040 max. 40.000 min⁻¹ • 045–060 max. 30.000 min⁻¹ • 060–250 max. 25.000 min⁻¹

FG-instruments (ISO 314) ISO Ø:

008–016 max. 450.000 min⁻¹ • 018–021 max. 300.000 min⁻¹ • 023–031 max. 160.000 min⁻¹ • 033–040 max. 120.000 min⁻¹

Polishing instruments all ISO Ø: max. 5.000–10.000 min⁻¹

The information on the label on the packaging applies. Optimum speeds for all instruments depend on the material to be processed. As a general rule 40 – 50% of the maximum instruction is recommended!