Application and Safety Precautions

Polishers

MANUFACTURER	REV. STATUS	LANGUAGE
EVE Ernst Vetter GmbH Neureutstr. 6 75210 Keltern, Germany	03	English EN

RECOMMENDATIONS FOR USE OF EVE POLISHERS

All EVE polishers have been designed and engineered for their specific application. Improper use can lead to tissue damage, increased wear or destruction of the polisher, as well as cause risks to the user, the patient or third parties.

PROPER USE:	• Only turbines, handpieces and contra-angle attachements that are in perfect technical and hygienical conditions should be used, meaning that they should be well maintained and correctly cleaned. Turbines and contra-angle attachements used must ensure precise and concentric rotation. • Instruments must be inserted as far as possible. Before applying the instruments to any surface, they must be brought to speed. • If possible, polish in slightly circular movements to avoid indentations. • Tilting or levering is to be avoided as it leads to an increased risk of breakage. • Immediately discard any deformed or non-concentric rotary instruments. • Unmounted polishers must be centred after mounting in order to avoid vibrations during use. Only high quality mandrels must be used. Inferior mandrels can break and cause injury. • Protective goggles should be worn at all times. In case of improper use or material failure, mandrel, shank or workpiece could break and become dangerous flying objects. Alternatively the user can work behind a protective glass pane. • Respiratory protection must be worn to avoid inhaling dust. Moreover, a dust extraction system is recommended. **Improper use leads to poor application results and increased risks. EVE products must only be used by qualified personnel.**
ROTATION SPEED INSTRUCTIONS:	• Never exceed the maximum rotation speed. The recommended and maximum rotation speeds do vary between products. Make sure to check the recommended and maximum speeds in our latest catalogues and packaging. • In case of exceeding the maximum rotation speed, polishers tend to vibrate. Such vibrations can destroy the polisher, deform the shank and/or cause the instrument to break. Consequently, the user, the patient and third parties could be injured. • Compliance with the recommended speed range leads to best possible work results. **Non-observance of the maximum permitted speed leads to an increased safety risk.**
APPLICATION PRESSURE:	• Excessive pressure can destroy the polisher. • Excessive pressure leads to increased heat development. • Excessive pressure can lead to increased wear of the polisher. **Excessive pressure is to be avoided as it causes overheating, which could damage the pulp. In extreme cases instruments can break and cause injuries.**
WATER COOLING:	• In order to avoid unwanted heat development on the tooth, sufficient water cooling is required (at least 50 ml / min). **Insufficient water cooling can lead to irreversible damage to the tooth and its surrounding tissues.**
SYMBOLS:	All used symbols and pictograms according EN ISO 15223.