AQUACUT
Quattro

Advanced Prophy and Cavity Preparation Without Rotation
Unlike conventional rotary cutting instruments, however, the Aquacut Quattro is not in direct contact with the tooth structure. There is no vibration, heat generation, turbine noise or smell. Moreover, in most cases the gentle action of the Aquacut Quattro removes the need for local anaesthesia, saving you time and making the whole experience far less traumatic for your patient.

The Aquacut Quattro enables you to perform a fast and effective cleaning of your patient’s mouth to give a much quicker and more accurate diagnosis of their dental condition. At the twist of a switch, the Aquacut Quattro changes into a powerful cutting tool that can cut hard tissue quickly.

CAVITY PREPARATION TO PROPHY AT THE TWIST OF A SWITCH

SPEED CONTROL

POWDER CONTROL
CUT, WASH AND DRY

EASY TO USE AND VERSATILE
The handpiece is autoclavable and comes in five colour-coded cutting nozzle sizes. The long-life tungsten carbide cutting nozzles can be easily changed - depending on treatment.

FOOT CONTROL
The unique 3-way foot control enables cut, clean, wash and dry operations to be carried out through the same handpiece without withdrawing from the mouth - a great time saver.

POWDER CARTRIDGES
Self-contained disposable, gama-irradiated powder cartridges allow for quick and easy replacement. The cartridge has an inbuilt feed system that ensures zero maintenance as it is automatically replaced at each change.

HYDRO PARTICLE TECHNOLOGY
The Aquacut's high-speed fluid stream, fed from a small reservoir, provides a continuous cavity wash during cutting and virtually eliminates airborne powder and tooth debris. This unique technology gives outstanding cutting efficiency and minimal patient discomfort.

CUT, WASH AND DRY POWDER CARTRIDGES
29 MICRON ALUMINIUM OXIDE CAVITY PREPARATION
53 MICRON ALUMINIUM OXIDE COMPOSITE RESTORATION
SODIUM BICARBONATE POLISHING / PROPHY
SYLC FOR AQUACUT DESENSITISING CLEANING AND STAIN REMOVAL

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The AQUACUT QUATTRO is ideal for use in conjunction with modern dental adhesives and filling materials. It rapidly and efficiently removes composites or hard tooth tissue, leaving cavity surfaces ready to receive the latest resins. It is an exceptional tool for the repair of composites and enables fast repair of existing fillings that have begun to fail.

The design of the AQUACUT QUATTRO allows you to change instantly from cutting mode to stain removal - without changing the handpiece. This facility makes the AQUACUT QUATTRO equally useful to dentists and hygienists.

SUPPLIED COMPLETE AND READY TO USE
The AQUACUT QUATTRO system is supplied with handpiece, foot control pedal and two grades of cutting media, plus stain removal powder. All that is required is compressed air (clean, dry and up to 7 bar in pressure). A suitable air compressor can be purchased as an optional extra.

SAFE FOR TEETH
The AQUACUT QUATTRO cuts very conservatively, minimising the removal of sound tooth material. There is no direct contact with the tooth - the risk of chipping or stress fracturing is eliminated.
ADVANTAGES OF THE AQUACUT QUATTRO

THE PERFECT INSTRUMENT FOR MINIMALLY INVASIVE DENTISTRY

1. No chipping or stress fractures, plus minimal removal of sound tooth material
2. Quick and efficient - reduced treatment times
3. Versatile – able to clean, treat, wash and dry
4. Patient friendly – no heat, noise, vibration or smell
5. Reduces the need for local anaesthesia
6. More conservative than a hard tissue laser and at a fraction of the cost
7. Fully portable and easy to operate requires only an air supply
8. A unique product, using advanced patented technology

Dr. R. Narendranath
Dr. J. Patel
Dr. S. Hargreaves
External Supplies: Clean, dry, compressed air, 6 bar (90psi) minimum, 7.5 bar (110psi) maximum. Inlet air supply connection Ø 4mm push-in fitting.

Foot Control: Three-way multi-functional foot valve for cut, wash and dry control. 2m (6ft), three-core pneumatic supply tube.

Output Pressure: Infinitely variable cutting/polishing air pressure between 0 - 7 bar (100psi), controllable via rotating switch and pressure gauge.

Cutting Media: 53 and 29 micron Aluminium Oxide. Powder rate infinitely variable between 0 and 6g / min (0.2oz) via rotating switch and pressure gauge.

Polishing Media: Sodium Bicarbonate, Sylc For Aquacut

Handpiece: Anodised Aluminium with separate integral powder and fluid channels (both operated by foot control). Nozzles made from stainless steel tube with Tungsten Carbide tip. Handpieces incorporate quick release system for convenient changeover of cutting sizes.

Colour coded handpieces for simple tip-size identification:
- Green - 0.4mm (optional extra)
- Silver - 0.6mm (supplied with the Aquacut QUATTRO)
- Gold - 0.8mm (optional extra)