

# Hand-Held Instruments

The New Generation of  
Ophthalmic Instruments

**composites**  
by **Moria**



## Ophthalmic Surgical Instruments

The combination of a high-tech composite  
material and traditional stainless steel

# High Performance... but with much greater Cost-Effectiveness

The result of Moria's long history of fine instrument design and expertise in the use of advanced materials

- High quality reusable instruments
- With surgical stainless steel tips and durable handles made from a composite polymer
- Performance equivalent to the best conventional, all-metal instruments
- Significantly lower priced than all-metal instruments

# composites

by Moria



## Quality and Innovation at Your Fingertips

In developing the **composites** range, Moria has married its extensive knowledge in designing and manufacturing high quality, precision, ophthalmic surgical instruments with its expertise in utilizing advanced materials.

The forceps are of surgical steel surrounded by durable handles fabricated from the composite polymer, PEEK (polyether-ether-ketone).

This composite material retains its mechanical and chemical properties even when exposed to high temperatures and challenging organic or aqueous environments. Because of its robustness, PEEK is used to manufacture items for demanding applications, such as in the medical implant and aerospace industries.

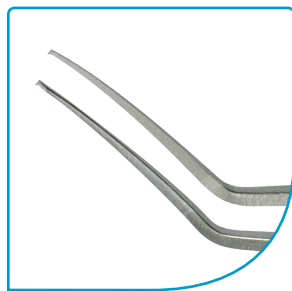
At Moria's production facility in France, the instruments are manufactured to the highest standards and 100% inspected. This is especially evident in the forceps -- single-piece metal elements and fine adjustment at the factory ensure that each is supplied with very precise alignment.

# The New Generation of Ophthalmic Instruments

## ■ Optimal Surgical Performance

**composites** by Moria offer a level of surgical performance equivalent to the best all-metal instruments. With this new generation of reusable instruments, however, surgery with instruments in less-than-ideal condition can become a thing of the past.

Like all fine instruments, **composites** are subject to bending, and can be damaged if misused or dropped. But unlike conventional instruments, **composites** are priced at a level that allows the instruments simply to be discarded and readily replaced from inventory whenever necessary.



**Capsulorhexis Forceps**  
1.8mm incision



## ■ Cost Effective and Convenient

Converting to Moria **composites** can significantly improve the bottom line of the surgical facility. Multiple **composites** instruments can be purchased at a price less than that of one corresponding conventional all-metal instrument.

The expense and administrative burden of repairs are eliminated and with spares readily available, there is less chance that patient flow will be disrupted due to lost or damaged instruments.

# composites

by **Moria**

Include the most commonly used cataract instruments

## Forceps



### Curved Cystotome Capsulorhexis Forceps #20200

- Curved, vertical tips, for **1.8mm** incision



### Bonn Forceps #20202

- 0.12mm teeth



### Straight Tying Forceps #20203

- Straight, 4mm platforms



### Curved Tying Forceps #20204

- Curved, 4mm platforms

## Manipulators, Spatulas, Hooks, Choppers, Ring



### Sinsky Manipulating Hook #20205

- Angled, 0.2mm tip



### Lester Lens Manipulator #20210

- Angled, collar button tip



### Manipulating Hook #20207

- Conical, angled, blunt



### Nagahara Phaco Chopper #20206

- 1.5mm tip, inner cutting edge



### Drysdale Manipulator #20208

- Blunt paddle design



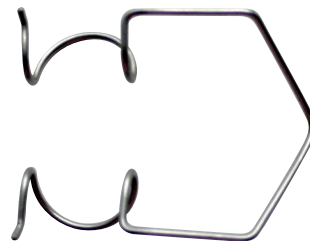
### Thornton-Fine Fixation Ring #20211

- Blunt teeth, 13mm internal diameter

## Speculum

### Kratz Wire Speculum #20209

- Open blades, 15mm opening, 1mm diameter



To obtain more information



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**Moria**  
Leading Innovations in Ophthalmology