



# Duckworth & Kent Ltd.

titanium surgical instrument manufacturer

## KAMRA™ Corneal Inlay Insertion Forceps & NeoVize Smile Forceps

### 2-920 - KAMRA™ Corneal Inlay Insertion Forceps



- Two oval flat shaped tips, width 2.6mm, length 4mm
- Tip to bend 9mm, angled 10°
- Flat handle, length 93.7mm



The KAMRA™ Corneal Inlay Insertion Forceps are intended to be used to hold the KAMRA™ cornea inlay and insert it through a surgical incision into a lamellar pocket in the cornea

#### KAMRA™ Corneal inlay for presbyopia correction

The KAMRA™ inlay relies on the principle of small aperture optics to increase the eye's depth of focus.

The inlay is approximately 5 microns thick and 3.8mm in diameter with a 1.6mm aperture in the middle.

The inlay is implanted into a lamellar pocket created in the cornea at around 200 microns deep.

The inlay can also be used in combination with LASIK. Where the cornea correction is performed under a thin flap and the inlay is implanted in a pocket at least 100 microns below the flap.

### 2-835 & 2-835N - NeoVize Smile Forceps



- 4mm long serrated jaws
- Tip to angle length 9mm, angled 30°
- Two variations of flat handle, length 92mm = 2-835 or 87mm = 2-835N

Designed to grasp the lenticule and remove it from the corneal pocket



#### ReLex® smile refractive correction using a femtosecond laser

The ReLex® smile is a refractive correction procedure from Carl Zeiss Meditec AG, which is carried out in a single step with a femtosecond laser, without the need to cut a flap.

The femtosecond laser creates a refractive lenticule (a thin round section of corneal tissue formed by creating a lower then upper femtosecond laser pass) in the centre of the cornea. A small incision, less than 4mm, is then made in an otherwise intact cornea.

The lenticule is then released from the cornea by using a fine spatula and then removed through the small incision using a delicate pair of forceps.

The removal of the lenticule has now permanently reshaped the cornea to correct the refractive error.

[www.duckworth-and-kent.com](http://www.duckworth-and-kent.com)

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Revised 27.01.15

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