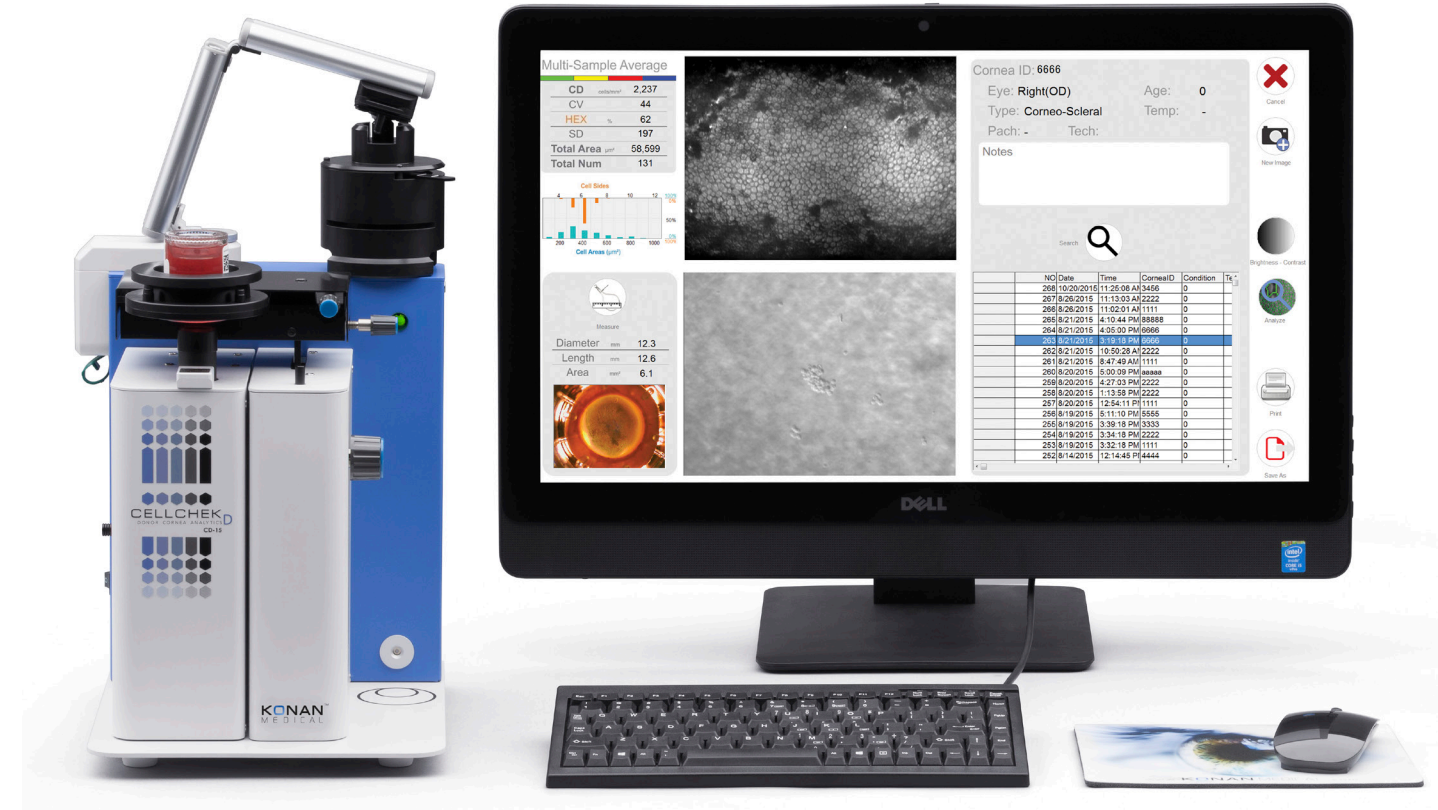




Features

- Built-in pachymeter
- Real-time media temperature sensor
- User-friendly software
- Adaptable to most of the commercially available chambers/vials
- Optional stage adapter for other containers
- CellChek D does not include donor enhance features. CellChek D software and hardware can be upgraded to CellChek D+.

CellChek D and D+ Specifications	
Type	CD-15
Field of view	1000 x 750 µm
Maximum analysis area	400 x 300 µm each
Camera	CMOS
Moving range of stage	X: 16 mm/ Y:16 mm/ Z: 16 mm
Tilt	15°
Illumination	Halogen Lamp
Input voltage	AC100~240V, 50/60 Hz
Power consumption	80 VA
Weight	7.5 kg
Dimensions	Approximately 280 (H) x 215 (W) x 265 (D) mm
Operating conditions	Ambient temperature: 10 to 40 degrees Celsius Relative humidity: 30 to 85% Atmospheric pressure: 70 to 106 kPa Ordinary equipment (no protector against ingress of water) Operation mode: continuous operations
Storage / transport conditions	Ambient temperature: -20 to 60 degrees Celsius Relatively humidity: 30-95% Atmospheric pressure: 70 to 106 kPa



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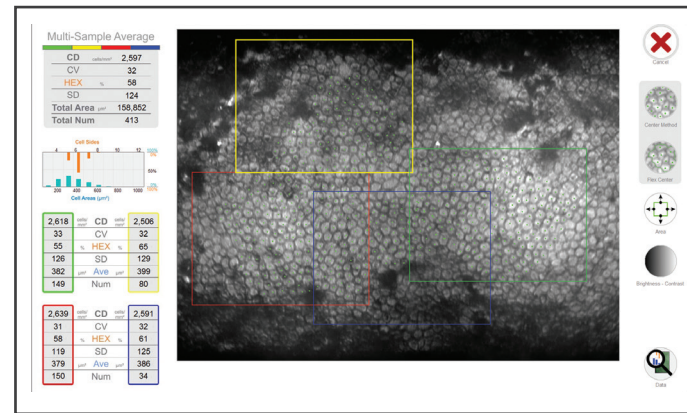
KonanMedical.com



Distributor:



Introducing the first multi-imaging system for donor corneal analysis. CellChek D+ provides an amazing view into the cornea that simply has never been seen before defining structure of endothelium, stroma, and epithelium. Comprehensive imaging to assist both eye banks and corneal surgeons to make better decision on implantable material.



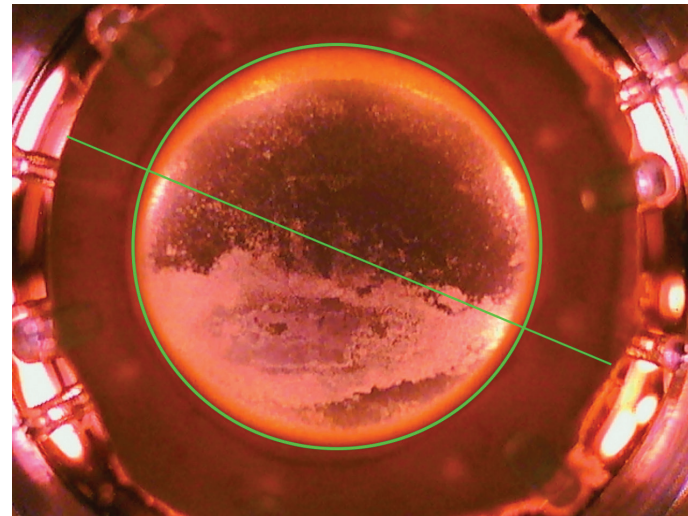
Broad overview but with large multi-sample analytic areas

CellChek D and D+ feature a new finder feature with digital measuring / documenting tools.

Patented Cellular Analysis Methods

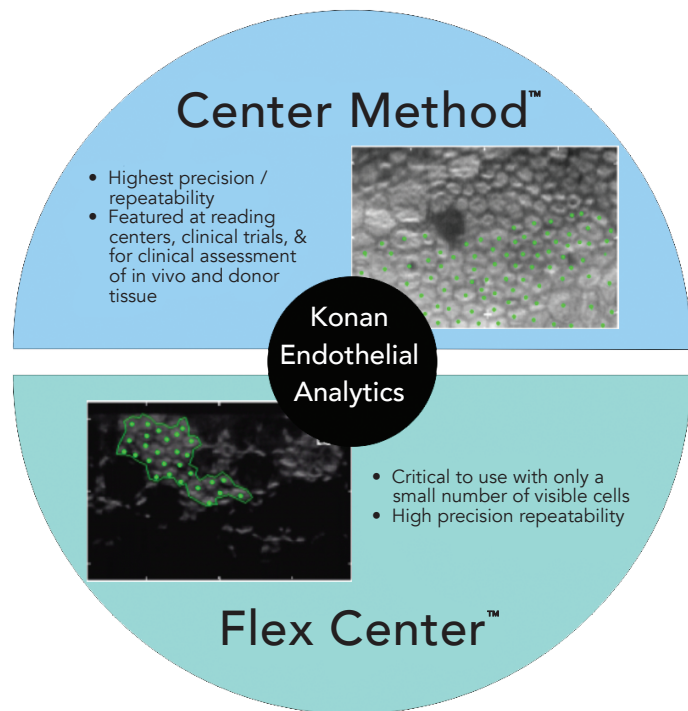
All Konan specular microscope feature the patented Center Method of analysis. Center Method is mentioned in FDA panel minutes as being the "gold standard" and is used by virtually every professional reading center for independent assessment of corneal endothelial analytics. Unlike full-auto assessments, the Center Method provides high precision and repeatability for specular images in which relatively small continuous areas of visible cells are visible.

The Flex-Center method is the third tool for advanced stage diseased corneas in which only a very few number of cells are visible. With this semi-automated, perimeter-count method, again high precision and repeatability is achieved. Only Konan provides the rich set of analytic tools for reliable assessment of the entire spectrum of corneal conditions.



Full Graft Imaging

CellChek D and D+ provide a total picture of the cornea. Use digital measurement tools to identify and measure the cornea diameter and defects / scars.



Donor Enhance imaging system



Key Features



Specular image

Donor Enhance image

CellChek D+ model shown above

New "Donor Enhance" Imaging System

CellChek D+ features a patent applied for "Donor Enhance" imaging system that provides remarkable views of endothelium, intra-stromal structure, and the epithelium. The range of new information from which to make better clinical decision is spectacular (pun intended): blood cells, fungus, rough keratome cuts, dead cells, epithelial anomalies. Never have we had this view of pre-implanted material. Corneal surgeons are finding this information to be illuminating in helping to understanding graft success and failure.

