
Ifa Interface List (Status 01/2015)

Note: treatment devices like Excimer Lasers, Femto Lasers, Phaco Machines, YAG Lasers or similar cannot be connected to EMR solutions due to regulatory limitations.

Sorted by Equipment Type

Autorefractor/Keratometer/Tonometer

Nidek RKT-7700
Nidek TONOREF II
Oculus Park-1
Topcon TRK-1P

Autorefractor

Canon R-10/20/22/30/50/F10
Canon RK3/RK5
Hoya AR 550
Humphrey HAR-420/500/510/525/540/580/580 S/585/590/595
Nidek AR-310A/330A/600/660/700/800/820/1000/1200 M
Nikon NR-5000/5100/5500/8000
Nikon Speedy
Nikon Retinomax
Plusoptix S04
Rodenstock PR-60
Rodenstock RA-303
Rodenstock RX-202/502/520/900
Shin-Nippon RC 380
Shin-Nippon QR-007 N
Shin Nippon EZRef 8000
Tomey TR-1000/3000
Tomey RT-7000
Topcon RM-A-2000/3300/6000/6300/7000/7300/8000/RM-8800
Welch Allyn SureSight Hand-Autorefractor

Zeiss Humphrey Acuitus

Kerato-Refractometer

Alcon Handheld Keratometer
Canon RF-1/10
Canon RK-1/F1/2/3/5
Grand Seiko GR-3100K
Humphrey Acuitus
Humphrey HAK-420
Humphrey HARK-595/597-599
Huvitz MRK-3100 P/HRK-7000
Nidek AR 530A/510A/
Nidek ARK-510A/530A/560A/700/700A/760/900/2000
Nidek KM-500
Nikon NRK-8000/10000
Nikon Retinex K-Plus Hand-Ker.
Nikon Retinomax2
Nikon Speedy-K
Potec PRK-5000
Rodenstock CX 500/520
Shin Nippon ACCUREF 8001/K 9001
Tomey RC-1000/5000
Topcon KR 7000/7000 S/7000 P/7500/8100/8100 P/8800

Auto Phoropter

Block Diamant Phoropter
Hoya MDR 650
MÖLLER-WEDEL VISUTRON 307/308/
Plus/900+

Nidek RT-1200/2100/5100
Nikon OT-8-A
Nikon Remote Vision
Rodenstock Phoromat/Phoromat 200
Topcon BV-1000
Topcon CV 2000/2500/3000/5000
Zeiss Optophor

HIS Systems

HL7/IHE
McKesson
Chipsoft
TietoEnator (IMedOne)
Hiscom
Norma
SAP HIS
DICOM VL
DICOM SR
CERNER HIS
Vitodata Vitomed

Lensmeter

Grand Seiko GL-7000
Hoya AL 3100-3300
Humphrey LA-306/310/316/320/322/
330/332/340/350/360/370
Huvitz CLM-3100/CLM-3100 P/CLM-
4000
Nidek 500 USB
Nidek LM-500/770/820/850/870/970/
990/1000
Nikon NL-2
Nikon Speedy 1
Oculus VL-3000
Reichert AL-200
Reichert LensChek
Rodenstock Lensmaster
Rodenstock PSBM-12
Rodenstock AL-900/4600
Shin-Nippon SLM-3000/4000/5000

Tomey TL 900/1000/1000 A/3000/
3000 A/3000 B
Topcon LM-1500
Topcon CL-100/1000/200/2000/2500
Topcon EZ-200

Visual Field

Haag-Streit OCTOPUS
300/301/311/500/
2000/1-2-3/101/900
Humphrey HFA 605/606/610/611/620/
630/635/640/730/740/750 i/iii
Medmont M700
Oculus TAP 2000 CT/CC
Oculus Twinfield
Oculus Centerfield
Oculus Easyfield
Rodenstock Perimat
Rodenstock Peristat
Ophtimus Ring Perimeter
SW: Peritrend
SW: Peridata for Windows
SW: Haag-Streit Eye Suite
ifa HFA Print Software
Zeiss / Humphrey / Welch-Allyn FDT
Zeiss Matrix

NCT

Canon TX-10/TX-F
Canon T2
Leica AT 550/555
Leica NT-3000
Nidek NT-1000/2000/2000
M3/3000/4000
Nidek RKT 7700
Nidek TonoRefII
Reichert AT 550
Reichert ORA
Reichert Xpert/Xpert plus
Rodenstock NCT 400

Tomey FT-1000
Tomey FZ-1000
Topcon CT 20/40/60/80/80A

CL Systems

CL-Data
WinLens
KLV
Galifa
Eye-Office
Lensdata

Image Systems/Software

bon Optic DigiPro/DigiPro2
bon Optic EyeImage
Canon Fundus Camera
CCS Pawlowski analySIS
CCS Pawlowski WinStation
Haag-Streit SDO
Heidelberg Eye Explorer
Heidelberg Retina Tomograph
Heidelberg Retina Flowmeter
Heidelberg Retina Angiograph
Heidelberg SL-OCT
IMEDOS VisualiS
Kowa Fundus Camera
Kowa FM-600
LDT TopSS XL 2020
LDT TopSS ICG
LDT Angioscan
LDT GDx/GDx Access/Access VCC
Kowa VK-2
Nidek F-10 Digital Ophthalmoscope
Nidek AFC-210/AFC-230
Nidek NM-200 D
Oculus ImageCam
Oculus Pentacam
OIS Winstation
Optos optomap
Rhinotec Endo.-Microscope

Roland Consult EasyVEP
Talia RTA
Tomey Microscope EM-1000/3000
Topcon TRC NW-6/NW-7/NW-8/NW-200
Topcon TRC-50DX
Topcon IMAGEnet 2000
Topcon IMAGEnet i-base
Topcon IMAGELink
Topcon Non Mydriatic Fundus Camera
Topcon Electrophysiology EP-1000
Topcon Specular Microscope SP-3000 P
Topcon TopConnect
Zeiss Fundus Camera
Zeiss Visupac light
Zeiss Visupac (Hiko)
Zeiss GDx
Zeiss FF 450+
Zeiss Visucam pro NM

Video Slit Lamps Analog/Digital

EyeSputnik
Haag-Streit (new models)
Haag-Streit SL BX, BQ, BP
Haag-Streit SL BM V, BC
Rodenstock SL
Topcon VS
Zeiss SL 120/130/160
OMEGA Video Ophthalmoscope
Meditron Video System
Topcon DC-1/-3/-10
Topcon DV1
Zeiss VISUPAC Acquire

Ultrasound Systems

(biometer/pachymeter)
Bio-/Pachymeter
4Optics OCP
Alcon OcuScan RxP
Alcon OcuScan (software)

B-scan systems with video port
Haag-Streit AXIS II PR (serial interface)
Heidelberg OCP
M + C - I 3 system
Mediconsult I-Scan
Nidek A-/B-Scan US 2500/20
Nidek Echoscans US-4000/500
Oculus Pachycam
Quantel Pocket Pachy
Quantel Medical CineScan (video port)/CineScan S (video port)
Quantel Medical Compact II (video port)
Quantel Medical Aviso (video port)
Technomed E-Z Scan B5500/ E-Z Scan AB5500
Technomed PacScan 300 A/300 P/300
AP Teknar/Mentor B-Scan III Plus
Teknar/Mentor A/B-Scan III Plus
Teknar/Mentor Image 2000
Tomey AL-100 Biometer/AL-2000/-3000
Tomey UD-6000
Tomey SP-100/3000
Tomey IS-500 A/B-Scan
Tomey AI-510 A/B-Scan

SLO

Rodenstock SLO (video port)
Zeiss CLSC (video port)

Orthoptics Systems

Oculus Synoptometer

Screening Instruments

Oculus Binoptometer 2
Oculus HMC Anomaloscope
Oculus Mesotest 2

Ophthalmometer

Rubin Ophthalmometer
Haag-Streit OM-900

Patient Education

Eyemaginations 3D-Eye Office
ProCompliance PICS

Cornea Topography

Bausch & Lomb Orbiscan
bon Optic EyeTop, EyeTop-H, Eye Top-S
Haag-Streit Keratograph
Nidek OPD Scan II
Oculus Keratograph
Oculus Easygraph
Optikon Keratron/Keratron Scout
Rodenstock Keratograph
Tomey RT-6000/7000
Zeiss ATLAS Model 9000

Biometer, Optical

Zeiss IOL-Master

QS Software Surgery

DataGraph
Dios MP (for OP)
Softhalmos

EC-Cash Systems

Thales Artema Hybrid
Thales MCT 5500

Internet Applications

Webscheduler INTEGRATION
Co-Management INTEGRATION
MedCenter INTEGRATION

Pharmastudy

Projekt XChange (Pfizer)

Refraction Systems

Marco Epic 5100/2100/1200
Nidek COS-5100/2100/1200

PMS (Practice Management Software)

Compulink

Nextgen

Centricity

Medisoft

RLISYS

Millbrook

RISE

Management Plus

MedManager

MDS

QRS

OCT (Optical Coherence Tomography)

Zeiss Cirrus HD-OCT

Zeiss Stratus OCT

Zeiss Visante OCT

Heidelberg Spectralis HRA+OCT

Heidelberg SL-OCT

OTI Spectral OCT/SLO

Optovue RTVue-100

Topcon 3D OCT-1000

Tonometer

Medicel IOPen

Pascal Tonometer (Bluetooth)

Sorted by Vendor

#

4Optics OCP

A

Alcon Handheld Keratometer

Alcon OcuScan (software)

Alcon OcuScan RxP

B

Bausch & Lomb Orbscan

Block Diamant Phoropter

bon Optic DigiPro/DigiPro2

bon Optic EyeImage

bon Optic EyeTop, EyeTop-H, Eye

Top-S Haag-Streit Keratograph

C

Canon Fundus Camera

Canon R-10/20/22/30/50/F10

Canon RF-1/10

Canon RK-1/F1/2/3/5

Canon RK3/RK5

Canon T2

Canon TX-10/TX-F

CCS Pawlowski analySIS

CCS Pawlowski WinStation

Centricity PMS

Cerner HIS

CL-Data

Compulink PMS

D

DataGraph

DICOM SR

DICOM VL

Dios MP (for OP)

E

Eyemaginations 3D-Eye Office

Eye-Office

EyeSputnik

F

G

Galifa

Grand Seiko GL-7000

Grand Seiko GR-3100K

H

Haag-Streit (new models)

Haag-Streit AXIS II PR (serial interface)

Haag-Streit Eye Suite

Haag-Streit OCTOPUS

300/301/311/500/2000/1-2-3/101/900

Haag-Streit OM-900

Haag-Streit SDO

Haag-Streit SL BM V, BC

Haag-Streit SL BX, BQ, BP

Heidelberg Eye Explorer

Heidelberg OCP

Heidelberg Retina Angiograph

Heidelberg Retina Flowmeter

Heidelberg Retina Tomograph

Heidelberg SL-OCT

Heidelberg SL-OCT

Heidelberg Spectralis HRA+OCT

HL7

Hoya AL 3100-3300

Hoya AR 550

Hoya MDR 650

Humphrey Acuitus

Humphrey HAK-420

Humphrey HAR
420/500/510/525/
540/580/580 S/585/590/595
Humphrey HARK-595/597-599
Humphrey HFA
605/606/610/611/
620/630/635/640/730/740/750
i/iii
Humphrey LA
306/310/316/320/322/
330/332/340/350/360/370
Huvitz CLM-3100/CLM-3100
P/CLM-4000
Huvitz MRK-3100 P/HRK-7000

I

ifa HFA Print Software
IMEDOS VisualiS
Integration.AG Co-Management
Integration.AG MedCenter
Integration.AG Webscheduler

J

K

Kowa FM-600
Kowa Fundus Camera
Kowa VK-2

L

LDT Angioscan
LDT GDx/GDx Access/Access VCC
LDT TopSS ICG
LDT TopSS XL 2020
Leica AT 550/555
Leica NT-3000
Lensdata

M

M + C - I 3 system

Management Plus PMS
Marco Epic 5100/2100/1200
MDS
Medicel IOPen
Mediconsult I-Scan
Medisoft PMS
Meditron Video System
MedManager
Medmont M700
Millbrook PMS
MÖLLER-WEDEL VISUTRON
307/308/Plus/900+

N

Nextgen
Nidek 500 USB
Nidek A-/B-Scan US 2500/20
Nidek AFC-210/AFC-230
Nidek AR 530A/510A/
Nidek AR-
310A/330A/600/660/700/
800/820/1000/1200 M
Nidek ARK 510A/530A/560A/700/
700A/760/900/2000
Nidek COS-5100/2100/1200
Nidek Echoscans US-4000/500
Nidek F-10 Digital
Ophthalmoscope
Nidek KM-500
Nidek LM-500/770/820/850/870/
970/990/1000
Nidek NM-200 D
Nidek NT-1000/2000/2000
M3/3000/4000
Nidek OPD Scan II
Nidek RKT 7700
Nidek RKT-7700
Nidek RT-1200/2100/5100
Nidek TONOREF II
Nidek TonoRefII

Nikon NL-2
Nikon NR-5000/5100/5500/8000
Nikon NRK-8000/10000
Nikon OT-8-A
Nikon Remote Vision
Nikon Retinex K-Plus Hand-Ker.
Nikon Retinomax
Nikon Retinomax2
Nikon Speedy
Nikon Speedy 1
Nikon Speedy-K

O

Oculus Binoptometer 2
Oculus Centerfield
Oculus Easyfield
Oculus Easygraph
Oculus HMC Anomaloscope
Oculus ImageCam
Oculus Keratograph
Oculus Mesotest 2
Oculus Pachycam
Oculus Park-1
Oculus Pentacam
Oculus Synoptometer
Oculus TAP 2000 CT/CC
Oculus Twinfield
Oculus VL-3000
OIS Winstation
OMEGA Video Ophthalmoscope
Ophtimus Ring Perimeter
Optikon Keratron/Keratron Scout
Optos optomap
Optovue RTVue-100
OTI Spectral OCT/SLO

P

Peridata for Windows
Peritrend
Pascal Tonometer (Bluetooth)

Plusoptix S04
Potec PRK-5000
ProCompliance PICS
Projekt XChange (Pfizer)

Q

Quantel Medical Aviso (video port) Technomed E-Z Scan B5500/
E-Z Scan AB5500
Quantel Medical CineScan (video port)/CineScan S (video port)
Quantel Medical Compact II (video port)
Quantel Pocket Pachy

R

Reichert AL-200
Reichert AT 550
Reichert LensChek
Reichert ORA
Reichert Xpert/Xpert plus
Rhinotec Endo.-Microscope
RISE PMS
RLISYS PMS
Rodenstock AL-900/4600
Rodenstock CX 500/520
Rodenstock Keratograph
Rodenstock Lensmaster
Rodenstock NCT 400
Rodenstock Perimat
Rodenstock Peristat
Rodenstock Phoromat/Phoromat 200
Rodenstock PR-60
Rodenstock PSBM-12
Rodenstock RA-303
Rodenstock RX-202/502/520/900
Rodenstock SL
Rodenstock SLO (video port)
Roland Consult EasyVEP

Rubin Ophthalmometer

S

SAP HIS

Shin Nippon ACCUREF 8001/K
9001

Shin Nippon EZRef 8000

Shin-Nippon QR-007 N

Shin-Nippon RC 380

Shin-Nippon SLM-
3000/4000/5000

Softhalmos

T

Talia RTA

Technomed PacScan 300 A/300
P/300 AP

Teknar/Mentor B-Scan III Plus

Teknar/Mentor A/B-Scan III Plus

Teknar/Mentor Image 2000

Thales Artema Hybrid

Thales MCT 5500

Tomey AI-510 A/B-Scan

Tomey AL-100 Biometer/AL-
2000/-3000

Tomey FT-1000

Tomey FZ-1000

Tomey IS-500 A/B-Scan

Tomey Microscope EM-
1000/3000

Tomey RC-1000/5000

Tomey RT-6000/7000

Tomey RT-7000

Tomey SP-100/3000

Tomey TL 900/1000/1000 A/
3000/3000 A/3000 B

Tomey TR-1000/3000

Tomey UD-6000

Topcon 3D OCT-1000

Topcon BV-1000

Topcon CL-

100/1000/200/2000/2500

Topcon CT 20/40/60/80/80A

Topcon CV 2000/2500/3000/5000

Topcon DC-1/-3/-10

Topcon DV1

Topcon Electrophysiology EP-
1000

Topcon EZ-200

Topcon IMAGELink

Topcon IMAGEnet 2000

Topcon IMAGEnet i-base

Topcon KR 7000/7000 S/7000

P/7500/8100/8100 P/8800

Topcon LM-1500

Topcon Non Mydriatic Fundus
Camera

Topcon RM-A 2000/3300/6000/
6300/7000/7300/8000/RM-8800

Topcon Specular Microscope
SP-3000 P

Topcon TopConnect

Topcon TRC NW-6/NW-7/NW-8/
NW-200

Topcon TRC-50DX

Topcon TRK-1P

Topcon VS

U

V

Vitodata Vitomed

W

Welch Allyn SureSight Hand-
Autorefractor

WinLens

X-Y

Z

Zeiss / Humphrey / Welch-Allyn

FDT

Zeiss ATLAS Model 9000

Zeiss Cirrus HD-OCT

Zeiss CLSC (video port)

Zeiss FF 450+

Zeiss Fundus Camera

Zeiss GDx

Zeiss Humphrey Acuitus

Zeiss IOL-Master

Zeiss Matrix

Zeiss Optophor

Zeiss SL 120/130/160

Zeiss Stratus OCT

Zeiss Visante OCT

Zeiss Visucam pro NM

Zeiss Visupac (Hiko)

Zeiss VISUPAC Acquire

Zeiss Visupac light

Others

B-scan systems with video port

Individual interface to other
applications (SAP, CERNER etc.)

HL7 interfaces to other
applications