

Ophthalmic instruments

Instrument Image



Opt-08-000

Specification/Description

Slit lamp

Binocular, three step magnification
10x, 20x, 30x, slit image rotation 0° to 180°
, with halogen lamp,



Opt-08-001

Surgical Microscope

Five step magnification, binocular 45°
inclined viewing, total magnification 4x, 6x,
10x, 16x, 25x.



Opt-08-002

Sinoscope

4mm (0°, 30°, 70°) working length 175mm
wide angle



Opt-08-003

Photo Slit Lamp

Binocular, 10x, 16x, 24x; wide field 12.5x,
tilting illumination 5° to 20°

Ophthalmic instruments

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Specification/Description



Blade breakers and holders

12mm, straight, smooth, flat jaws. Flat, serrated handle with spring lock. Overall length 108mm

Opt-08-004



Micro Blade Holder

10mm, smooth, thin, flat jaws. Round handle with twist lock. Overall length 103mm.

Opt-08-005



Stainless steel breakable blades

Double edge, stainless steel blades , individually wrapped.

Opt-08-006



Swiss Blade breaker and holder

13mm, conical , smooth jaws. Round handle with end lock. Overall length 120mm

Opt-08-007

Ophthalmic instruments

Instrument Image

Specification/Description



Castroviejo Caliper

Straight/curved shaft graduated in one millimeter increment from 1 to 20mm. overall length 55mm

Opt-08-008



Caliper

Graduated in one millimeter increment from 0mm to 80mm and 1/16inch increment up to 3 inches. Straight shafts.

Opt-08-009



Mendez Degree Gauge

Ring gauge calibrated every 10° from 0° to 180°. Flat/round, serrated/knurled handle. Overall length 108mm

Opt-08-010



Stainless Steel Flexible Ruler

Measures up to 152mm in one millimeter increments and up to 6 inches in 1/32 inch increment

Opt-08-011

Ophthalmic instruments

Instrument Image

Specification/Description



Thorpe Caliper

Graduated in one millimeter increment from 0 mm to 80mm , angled shafts with angled tips. Overall length 122mm

Opt-08-012



Air Injection Cannula

Cannulated shaft angled 5mm from shaft tip. Shaft length 23mm. 27/30 gauge cannulated shaft

Opt-08-013



Retrobulbar needle

Straight, cannulated shaft with sharp, beveled tip. Shaft length 36mm. 23/25 gauge

Opt-08-014



Irrigating Cannula

22 gauge, cannulated shaft with "J" shaped, blunt tip and front opening. Shaft length 28mm. Straight/angled shaft

Opt-08-015

Ophthalmic instruments

Instrument Image



Opt-08-016

Specification/Description

Anterior Chamber Irrigation

Set includes autoclaveable silicone bulb, cannula adaptor and 19 gauge angled cannula.



Opt-08-017

Double-Barrel Cannula

Angled, 25 gauge, cannulated at working end. Cannula shaft length 22mm. Overall length 370mm



Opt-08-018

Irrigating-aspirating cannula

Double-barreled irrigation-aspiration unit, 23 gauge. Side irrigation and aspiration ports. Shaft length 33mm. Overall length 445mm



Opt-08-019

Hydrorodissection cannula

Gently curved, 25 gauge, cannulated shaft with blunt tip. Shaft length 19mm.

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Specification/Description



Cannulated Cystotome

22 gauge, cannulated shaft, shaft length 32 mm. Sharp/blunt tip

Opt-08-020



Kratz cystotome

22 gauge, formed, cannulated shaft with sharp tip. 5mm length from hub to angle, 12mm from angle to shaft tip.

Opt-08-021



Cortex Extractor

Curved, 23 gauge, cannulated shaft with aspiration port set at 45°. Shaft length 13mm

Opt-08-022



Lieppeman Cystotome

Micro cystotome with angled 22 gauge cannulated shaft. Supplied with guard to protect sharp, cutting tip. Shaft length 11mm

Opt-08-023

Ophthalmic instruments

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Specification/Description



Male to Male Cannula Adaptor

Overall length 35mm

Opt-08-024

Use: For connecting aspiration cannulas with aspiration tubing.



Vitreous Aspirating Needle

18 gauge cannulated shaft with blunt tip.

Marking on shaft at 5mm, 10mm and 15mm. Length 25mm.

Opt-08-025



Coaxial irrigating-aspirating system

Overall length 65mm

Opt-08-026



Mcintyre inner cannula

23 gauge, cannulated shaft. Shaft length 46mm. 0.2mm/0.3mm side port. Front opening.

Opt-08-027

Ophthalmic instruments

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Specification/Description

Mcintyre Outer Cannula



19 gauge cannulated shaft. Shaft length 17mm. Truncated tip with dual 0.5mm side openings. Straight/blunt tip front opening

Opt-08-028

Use: For connecting aspiration cannulas with aspiration tubing.

Lacrimonal Cannula



23 gauge, cannulated shaft with blunt tip and side port. Shaft length 46mm

Opt-08-029

Double sharp cystotome



22, gauge, cannulated shaft with sharp front and back edge. Shaft length 34mm.

Opt-08-030

Reinforced lacrimonal cannula



23 gauge, reinforced, cannulated shaft. Shaft length 30mm.

Opt-08-031

Ophthalmic instruments

Instrument Image

Specification/Description

Cortex extractor



Curved, 23 ga, cannulated shaft with side aspiration port. Shaft length 12mm/21mm

Opt-08-032



Two way air bubble removal cannula

Curved, 21 gauge, cannulated shaft at working end. Cannula shaft length 37mm. Silicone tubing 30cm . Overall length 34cm

Opt-08-033



Chymotryspin cannula

Curved, 25 gauge, cannulated shaft with smooth bulbous tip. Shaft length 31mm

Opt-08-034



Suture Placement Marker

8 blade radial marker with 8mm center opening. Flat , smooth handle. Overall length 105mm

Opt-08-035

Ophthalmic instruments

Instrument Image

Specification/Description

Optical Zone Marker



Ring marker with extra fine cross hairs.
Overall length 103mm. Round , knurled
handle.

Use: For locating optical center

Opt-08-036

Radial Marker



Blade marker with inner blade diameter of
3mm. Round, knurled handle. Overall
length 105mm. (4,8)bladed radial marker

Opt-08-037

Arcuate marker



Ring marker with marking blades set at 10° .
Round, knurled handle. Impresses a 360°
line pattern. Overall length of 96mm.

Opt-08-038

Double corneal ruler



Round , knurled handle. Overall length
99mm. 6-8 mm optic zone/5– 7 optic zones

Opt-08-039

Use : For visual axis alignment

Ophthalmic instruments

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Specification/Description



Iris and IOL hook

Straight shaft with 0.2mm, angled tip. Round, knurled handle. Overall length 117mm.

Opt-08-040

Use: For marking visual axis and reopen RK incisions



Foreign body curette

Flat, smooth handle. Overall length 126mm. 0.5mm/1.0mm diameter cup

Opt-08-041



Chalazion Curette

Ring style curette. Round handle. Overall length 131mm. Diameter ring size (1.1,2.2,3.3,1.5.1.7,2.5)mm

Opt-08-042



Curved Capsule Forceps

Standard, curved shafts with 2.75mmx1.35mm cupped tips. Wide, flat, serrated handle with iris stop. Overall length 108mm.

Opt-08-043

Ophthalmic instruments

Instrument Image

Specification/Description



Castroviejo Cross action capsule forceps

45° angled shafts with 2.75mmx1.35mm cupped tips. Wide, flat, serrated, cross action handle. Overall length 108mm.

Opt-08-044



Nuclear Fragment Forceps

Angled shafts with conical, serrated jaws. Standard, fenestrated handle. Overall length 113mm.

Opt-08-045



Capsule-Foreign body forceps

60° angled jaws featuring fine, 8mm platform. Flat, serrated handle. Overall length 102mm.

Opt-08-046



Capsulorhexis Forceps

45° angled shafts with angled tips. Flat, serrated, fenestrated, cross action handle. Made of high-grade, lightweight titanium. Overall length

Opt-08-047

Ophthalmic instruments

Instrument Image

Specification/Description



Utrata Capsulorhexis Forceps

Flat/ round handle, 45° angled shafts, angled tips. Iris stops 8.5mm from tip. Round /knurled handle. Overall length 83mm

Opt-08-048



Chalazion Forceps

Oval, 13mmx11mm, solid lower plate with oval, flat/serrated handle with locking thumb screw. Overall length 97mm.

Opt-08-049



Lid Forceps

14mmx26mm oval lower plate with 9mm, two pronged, upper serrated jaw. Flat, serrated handle with locking thumb screw mechanism. Overall length 90mm.

Opt-08-050



Entropion Forceps

28mm, solid, lower plate. Open upper plate. Flat, serrated handle with locking thumb screw mechanism. Overall length 88mm.

Opt-08-051

Ophthalmic instruments

Instrument Image

Specification/Description



Cilia Forceps

Straight shafts with slightly curved/smooth .
Flat , serrated handle. Overall length

103mm

Opt-08-052



Castroviejo-Colibri Corneal Forceps

Curved shaft. Angled tips teature 1x2,
0.12mm teeth. Wide, serrated hangle .

Overall length 108mm.

Opt-08-053



Corneal Utility Forceps

Curved shafts. Angled tips feature 1x2,
0.12mm teeth. Overall length 75mm.

Opt-08-054



Corneoscleral Forceps

Curved shafts with 6mm tying platforms.
Angled tips feature 1x2mm, 0.12mm teeth.
Overall length 102mm (right/left) handled

Opt-08-055

Ophthalmic instruments

Instrument Image

Specification/Description



Corneal Fixation Forceps

Straight shafts. Tips feature two point fixation with two set of 1x2, 0.12mm teeth, overall length 105mm.

Opt-08-056



Fixation Forceps

Straight shafts. Tips feature 1x2, 0.7mm teeth. Flat, serrated handle. Overall length 99mm.

Opt-08-057



Corneal Fixation Forceps

Angled shafts. Tips feature two point fixation with two sets of 1x2, 0.12mm teeth. 3mm spread between tips. Wide, flat, serrated handle. Overall length 104mm.

Opt-08-058



Conjunctival Fixation Forceps

Straight shafts with tying platforms. Tips feature 2x3, 0.12mm teeth. Flat, serrated handle. Overall length 94mm.

Opt-08-059

Ophthalmic instruments

Instrument Image

Specification/Description



Intraocular Forceps

Straight, tubular shaft. Squeeze handle.
Overall length 147mm.

Opt-08-060



Vitreous Foreign Body Forceps

Straight, 20 gauge diameter shaft. Three,
2mm prongs with 0.1mm angled tips.
Squeeze handle. Overall length 84mm.

Opt-08-061



Lens Holding Forceps

Angled shafts with smooth tips. Knurled,
round, spring handle. Overall length
115mm.

Opt-08-062



Tying Forceps

Angled shafts. Jaws feature 10mm tying
platforms and smooth tips. Flat, serrated
handle. Overall length 83mm.

Opt-08-063

Ophthalmic instruments

Instrument Image

Specification/Description



Intraocular lens forceps

Curved shafts with smooth tips. Flat, serrated, fenestrated spring handle. Overall length 120mm.

Opt-08-064



Folding Forceps

Angled shafts with concave jaw surfaces. Standard, fenestrated handle. Overall length 110mm.

Opt-08-065

Use : For picking up and folding IOL in one smooth motion.



Intraocular Lens Forceps

Curved shafts with flat, smooth tips. Flat, smooth, cross-action spring handle. Overall length 86mm.

Opt-08-066



Iris Forceps

Angled shafts with angled tips. Flat, serrated handle. Overall length 74mm.

Opt-08-067

Ophthalmic instruments

Instrument Image



Opt-08-068

Specification/Description

Mosquito forceps

22 mm, delicate, serrated jaws. Ring handle with ratchet lock. Overall length 124mm. straight jaw/curved jaw



Opt-08-069

Muscle clamp

Adjustable, angled shaft. 13.5mm tips feature vertically opposing tooth-in-hole configuration . Overall length 85mm.



Opt-08-070

Ptosis Forceps

Curved shafts with longitudinally grooved jaws. Flat handle with lock. Overall length 102mm. 20mm jaws/27mm jaws



Opt-08-071

Muscle Forceps-Adult

Angled shafts with 6 horizontally opposing, tooth-in-hole, 1mm teeth, flat handle with lock. Overall length 100mm.

Ophthalmic instruments

Instrument Image

Specification/Description



Pediatric Muscle forceps

Angled shafts with 4 horizontally opposing, tooth-in-hole, 1mm teeth. Flat handle with lock. Overall length 99mm.

Opt-08-072



Rectus Forceps

45° angled shafts. Curved tips features 1x2 teeth. Flat, serrated cross-action handle. Overall length 97mm.

Opt-08-073



Retinal Forceps

20 gauge shaft. Round, knurled squeeze handle. Overall length 158mm.

Opt-08-074



Suturing Forceps

Straight shafts with tying platforms. Tips features 1x2, 0.12mm teeth. Flat, serrated handle. Overall length 92mm.

Opt-08-075

Ophthalmic instruments

Instrument Image

Specification/Description



Eye and Ear Suturing Forceps

Straight shafts with tying platforms. Tips feature 1x2, angled teeth. Wide, flat, serrated handle. Overall length 87mm.

Opt-08-076



Tissue Forceps

Standard/delicate, straight shaft. Tips feature standard 1x2 teeth. Flat, serrated handle. Overall length 100mm.

Opt-08-077



Baby Jones Towl Clamp

Flat, serrated, cross-action handle. Overall length 60mm.

Opt-08-078



Backhaus Towl clamp

Ring handle with ratchet lock. Overall length 90mm/135mm.

Opt-08-079

Ophthalmic instruments

Instrument Image

Specification/Description

Utility forceps



Straight shafts. Tips features 15mm long, grooved platform. Flat, serrated handle. Overall length 94mm.

Opt-08-080

Nucleus Cracker



Straight shafts with 1.5mmx1.2mm paddle style tips. Flat, fenestrated , cross-action handle. Overall length 95mm.

Opt-08-081

Double Fixation Hook



Straight shaft with sharp, two-pronged hook. Flat, serrated handle. 2mmx1.5mm hook/2.5mmx2mm hook , length 124mm/129mm

Opt-08-082

Scleral twist fixation cone



Straight shaft with 2.5mm diameter fixation cone. Round, knurled handle. Overall length 116.

Opt-08-083

Ophthalmic instruments

Instrument Image

Specification/Description



Lens manipulating hook

Straight shaft with dual “Y” shaped and curved tip. Round, knurled handle. Overall length 110mm.

Opt-08-084



Insertion hook

0.2mm “T” shaped tip. Round knurled handle. Overall length 120mm.

Opt-08-085



Iris hook lens manipulator

Cloverleaf tip. Straight shaft with cloverleaf tip. Flat, smooth handle. Overall length 120mm.

Opt-08-086



Muscle hook

Straight shaft with hook. Flat, serrated handle. Overall length 144mm. (7,9,10)mm x (1,1.5) mm hook

Opt-08-087

Ophthalmic instruments

Instrument Image

Specification/Description

Goniotomy Knife



Straight shaft with 2mm blade. Flat, smooth handle. Overall length 117mm.

Opt-08-088

Foreign Body Spud



Lightly curved blade with thin , rounded tip. Flat, smooth handle. Overall length 103mm.

Opt-08-089

Corneal knife



3.5mm, spoon-shaped blade. Flat, serrated handle. Overall length 121mm. straight blade/curved blades

Opt-08-090


Spud and Gouge



Double ended with removable 18mmx1.25mm gouge tip and 4mmx2mm spud tip. Round, knurled handle. Overall length 105mm.

Opt-08-091

Ophthalmic instruments

Instrument Image	Specification/Description
	<p>Lens Spoon</p> <p>Straight shaft with spoon. Flat, smooth handle. Overall length 133mm.</p>
Opt-08-092	<p>Irrigating Vectus</p> <p>23 gauge cannulated shaft with heart-shaped loop. Loop feature two front ports. Shaft length 36mm.</p>
Opt-08-093	<p>Reverse irrigating vectus</p> <p>23 gauge, cannulated shaft with 6mmx8mm loop. Three irrigating port at 12, 10 and 2 o'clock. Shaft length 38mm.</p>
Opt-08-094	<p>Lens Loop</p> <p>10mmx4mm loop. Flat, smooth handle. Overall length 131 mm.</p>
Opt-08-095	

Ophthalmic instruments

Instrument Image

Specification/Description



Irrigating Lens Loop

25 gauge cannulated shaft with strongly curved, finely serrated loop. Loop features two irrigating ports

Opt-08-096



Needle Holder

Extra delicate , 10mm, smooth jaws. Round, knurled handle. Overall length 114mm. Straight jaws/curved jaws.

Opt-08-097



Micropoint needle holder

Extra delicate, 7mm, smooth jaws. Round, knurled handle. Overall length 120mm.

Opt-08-098







Nucleus Rotator

Angled shaft with “Y” shaped tip. Round, knurled handle. Overall length 122mm.

Opt-08-099

Ophthalmic instruments

Instrument Image	Specification/Description
	<p>Nucleus Support Spatula</p> <p>Straight shaft with curved, 3mm wide spatula blade. Flat, smooth handle. Overall length 123mm.</p>
Opt-08-100	
	<p>Nucleus Trisector</p> <p>Three sided resector set on offset shaft. Round, knurled handle. Overall length 110mm.</p>
Opt-08-101	<p>Use : For dividing nucleus into three sections; for removal during manual, small incision surgery</p>
	<p>Stop and Chop manipulator</p> <p>Angled shaft with 1.5mm, angled tip. Round, knurled handle. Overall length 112mm.</p>
Opt-08-102	
	<p>Nucleus Chopper</p> <p>Angled shaft with 60° blade and 1.25mm tip. Round, knurled handle. Overall length 103mm.</p>
Opt-08-103	

Ophthalmic instruments

Instrument Image



Opt-08-104

Specification/Description

Mini- Lacrimal probes

Set consists of two 1mm diameter, 37mm long, gently curved, blunt probes with 300mm of silicone tubing fastened.



Opt-08-105

Stainless Steel Lacrimal Probes

Double –ended, malleable, stainless steel probes. Size (size 1/2, 3/4, 5/6, 7/8)

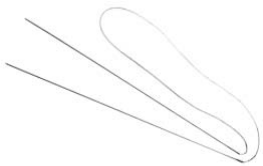
Use : For dividing nucleus into three sections for removal during manual, small incision surgery



Opt-08-106

Castroviejo Lacrimal dilator

Double ended with small and medium tapers. Round, knurled handle. Overall length 138mm.



Opt-08-107

Lacrimal intubation set

Set consists of two 0.7mm diameter. 140mm long, malleable sterling silver, blunt probes with 290 Of silicone tubing fastened. Overall length 570mm.

Ophthalmic instruments

Instrument Image



Specification/Description

Trabeculotomy probe

Double-pronged probe with 9mm prongs set at a 90° angle. Round, knurled handle. Overall length 46mm.

Opt-08-108



Infant lacrimal dilator

Delicate taper. Round, knurled handle. Overall length 78mm.

Opt-08-109



Pigtail probe

Double ended, 0.8mm diameter curved blunt probes. Round, knurled handle. Overall length 149mm.

Opt-08-110



Retinal Pick

Straight shaft with 1mm, 55° angled tip. Round, knurled handle. Overall length 123mm.

Opt-08-111

Ophthalmic instruments

Instrument Image

Specification/Description



Retinal detachment hook

Straight shaft with flattened 13mm, fenestrated, hook. Flat, smooth handle. Overall length 118mm.

Opt-08-112



Membrane spatula

Straight, 20 gauge shaft with rounded tip spatula blade. Round, knurled handle. Overall length 130mm.

Opt-08-113



Collar Button

23 gauge, cannulated shaft with side port. Straight shaft 25mm/ angled shaft 23mm.

Opt-08-114

Use : For iris retraction and lens manipulation.



Expressor and Iris Retractor

Double ended muscle hook/lens expressor. 2mm wide retractor blade. Round, knurled handle. Overall length 143mm.

Opt-08-115

Ophthalmic instruments

Instrument Image

Specification/Description



Lacrimal Sac Retractor

3x3, 2mm, curved teeth. Blade spread 20mm. Overall length 80mm.

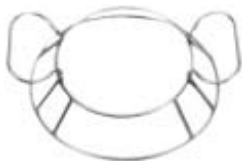
Opt-08-116



Orbital Retractor

10mm by 18mm cupped retractor blade. Overall length 145mm.

Opt-08-117



Sclera and Blepharostat ring

Fixation ring with loops to retract lids. Pediatric size/adult size

Opt-08-118



Capsulotomy scissors

Extra thin, 8mm blades with pointed tips. Flat, serrated, spring handle. Overall length 83mm. Straight/curved

Opt-08-119

Ophthalmic instruments

Instrument Image

Specification/Description



Corneal Scissors

Curved, medium blades with 1mm to 6mm calibrations . Flat, serrated , spring handle. Overall length 108mm.

Opt-08-120



Transplant Scissors

6mm, strongly curved blades. Flat , serrated, spring handle with stop. Overall length 100mm.

Opt-08-121



Corneal Section Scissors

Angled blades with blunt tips. Flat, serrated handle. Overall length 115mm.

Opt-08-122



Enucleation Scissors

Curved blades with blunt tips. Ring handle. Overall length 133mm.

Opt-08-123

Ophthalmic instruments

Instrument Image

Specification/Description



Intraocular Scissors

2mm pointed blades. Squeeze handle. Provided with protective cap. Overall length 146mm

Opt-08-124



Iris Scissors

16 mm blades with pointed tips. Flat, serrated, spring handle. Overall length 117mm.

Opt-08-125



Eye Scissors

Standard, 27mm blade with pointed tips. Ring handle. Overall length 110mm. straight/curved

Opt-08-126



Conjunctival Scissors

Curved blades with blunt tips. Flat, serrated spring handle. Overall length 101mm.

Opt-08-127

Ophthalmic instruments

Instrument Image



Opt-08-128

Specification/Description

Sclera Depressor

Thimble style depressor with 8mm wide tip.
Overall length 43mm, 1.7inches



Opt-08-129

Capsule polisher

25 gauge cannulated shaft with 2.5mm ring
tip. Shaft length 23mm.



Opt-08-130

Enucleation spoon

Flat, smooth handle. Small size /8mm
spoon. Overall length 136mm. Large
size/12mm spoon. Overall length 140mm.



Opt-08-131

Enucleation Snare

Only to be used, twisted snare wire

Ophthalmic instruments

Instrument Image

Specification/Description

Flat Enucleation spoon



21mm diameter, curved, notched spoon.

Flat, smooth handle. Overall length 140mm.

Opt-08-132

Double-ended cyclodialysis spatula



Double ended spatula with 10mm and 15mm length blades. Flat, serrated handle. Overall length 139mm.

Opt-08-133

Iris Spatula



1mm wide, malleable, stainless steel blade. Flat, smooth handle. Overall length 129mm.

Opt-08-134

Lens nucleus spatula



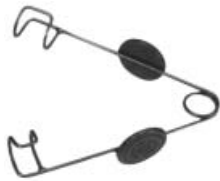
Flat, curved, 1mm spatula blade with calibration at 5mm, 6mm and 7mm from tip. Round, knurled handle. Overall length 126mm

Opt-08-135

Ophthalmic instruments

Instrument Image

Specification/Description



Eye Speculum

Wire speculum for newborn infants.
Fenestrated , 5mm blades. Overall length 45mm.

Opt-08-136



Lens folding forceps

Angled shafts. Flat, serrated, fenestrated,
cross-action handle. Overall length 105mm.

Opt-08-137



Castroviejo mini corneal scissors

Curved, 6mm blades. Flat, serrated, spring
handle. Overall length 116mm.

Opt-08-138



Keratometer

Concentric rings, made of lightweight
titanium.

Opt-08-139

Use : For providing reflection of cornea.

Ophthalmic instruments

Instrument Image



Opt-08-140

Specification/Description

Stereomicroscope

Zoom range with eyepiece 10x: 6.5x, 50x;
long working distance 92mm, magnification
with adapter system 1.95x to 100x



Opt-08-141

Reverse position Microscopes

Reverse position, quadruple nosepiece. 30°
binocular head, 10x/18 Br.foc.eyepieces,
mechanical stage. Plano-concave mirror.



Opt-08-142

Routine microscope

Optical specification: objectives A10/0.25,
plan Ph 20/0.35, Ph 40/0.65 and A 100/1.25
oil,



Opt-08-143

Refractometers

Measuring range 0 to 80% with accuracy of
1% vol

Use : For analysing liquids and their solid
contents.

