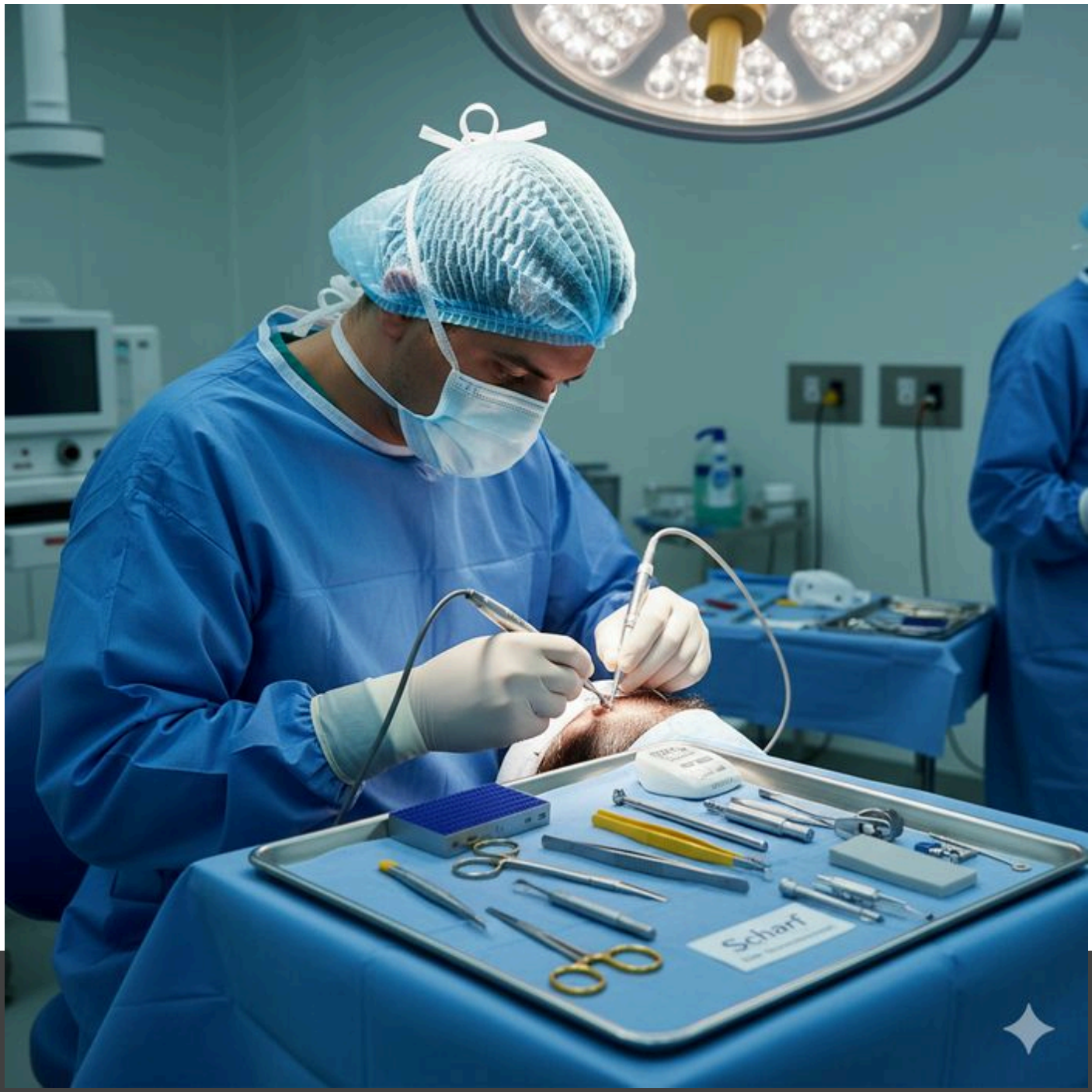
Scharf®



www.scharfmed.com

Serrated Fue Punches

- Soft micro serrations
- FUE punches are one of the finest qualities
- Made of medical Stainless steel
- A thinner wall and a sharp cutting edge facilitates angulations and pinpoint skin entry
- Reduce follicle trauma
- Extract 6000-7000 grafts with a single punch
- Different sizes from 0.6, 0.8, 0.9, 1.0, 1.1, 1.2mm
- Length from 2.5mm to 5mm
- Medical grade stainless steel

AVAILABLE SIZES

Code	Diameter	Length
51-006-40	0.6mm	4mm
51-007-25	0.7mm	2.5mm
51-007-35	0.7mm	3.5mm
51-007-40	0.7mm	4mm
51-007-50	0.7mm	5mm
51-075-25	0.75mm	2.5mm
51-075-35	0.75mm	3.5mm
51-075-40	0.75mm	4mm
51-075-50	0.75mm	5mm
51-008-25	0.8mm	2.5mm
51-008-35	0.8mm	3.5mm
51-008-40	0.8mm	4mm
51-008-50	0.8mm	5mm
51-085-25	0.85mm	2.5mm
51-085-35	0.85mm	3.5mm
51-085-40	0.85mm	4mm
51-085-50	0.85mm	5mm
51-009-25	0.9mm	2.5mm
51-009-35	0.9mm	3.5mm
51-009-40	0.9mm	4mm
51-009-50	0.9mm	5mm
51-095-25	0.95mm	2.5mm
51-095-35	0.95mm	3.5mm
51-095-40	0.95mm	4mm

Code	Diameter	Length
51-095-50	0.95mm	5mm
51-010-25	1.0mm	2.5mm
51-010-35	1.0mm	3.5mm
51-010-40	1.0mm	4mm
51-010-50	1.0mm	5mm
51-011-2.5	1.1mm	2.5mm
51-011-3.5	1.1mm	3.5mm
51-011-40	1.1mm	4mm
51-011-50	1.1mm	5mm
51-012-2.5	1.2mm	2.5mm
51-012-3.5	1.2mm	3.5mm
51-012-40	1.2mm	4mm
51-012-50	1.2mm	5mm

Sharp Fue Punches

- Smooth sharp punches
- FUE punches are one of the finest qualities
- Made of medical grade Stainless steel
- A thinner wall and a sharp cutting edge facilitates better angulations and pinpoint skin entry
- Reduce follicle trauma
- Extract 6000-7000 grafts with a single punch
- Different sizes from 0.6, 0.8, 0.9, 1.0, 1.1, 1.2mm
- Length from 2.5mm to 5mm
- Medical grade stainless steel

AVAILABLE SIZES

Code	Diameter	Length
50-006-40	0.6mm	4mm
50-007-25	0.7mm	2.5mm
50-007-35	0.7mm	3.5mm
50-007-40	0.7mm	4mm
50-007-50	0.7mm	5mm
50-075-25	0.75mm	2.5mm
50-075-35	0.75mm	3.5mm
50-075-40	0.75mm	4mm
50-075-50	0.75mm	5mm
50-008-25	0.8mm	2.5mm
50-008-35	0.8mm	3.5mm
50-008-40	0.8mm	4mm
50-008-50	0.8mm	5mm
50-085-25	0.85mm	2.5mm
50-085-35	0.85mm	3.5mm
50-085-40	0.85mm	4mm
50-085-50	0.85mm	5mm
50-009-25	0.9mm	2.5mm
50-009-35	0.9mm	3.5mm
50-009-40	0.9mm	4mm
50-009-50	0.9mm	5mm
50-095-25	0.95mm	2.5mm
50-095-35	0.95mm	3.5mm
50-095-40	0.95mm	4mm

Code	Diameter	Length
50-095-50	0.95mm	5mm
50-010-25	1.0mm	2.5mm
50-010-35	1.0mm	3.5mm
50-010-40	1.0mm	4mm
50-010-50	1.0mm	5mm
50-011-2.5	1.1mm	2.5mm
50-011-3.5	1.1mm	3.5mm
50-011-40	1.1mm	4mm
50-011-50	1.1mm	5mm
50-012-2.5	1.2mm	2.5mm
50-012-3.5	1.2mm	3.5mm
50-012-40	1.2mm	4mm
50-012-50	1.2mm	5mm

Long Hair Fue Punches

Serrated Long Hair Punch

- Extended Length Design: allows precise extraction without the need to trim existing hair
- Ultra-Sharp Cutting Edge: ensures clean and smooth incisions for minimal tissue trauma
- Low Friction Surface: reduces heat generation and tissue adhesion
- High-Quality Stainless Steel / Titanium: provides excellent durability and corrosion resistance
- Compatible with most FUE motors and handpieces
- Available sizes: Ø 0.8mm – 1.0mm (custom sizes upon request)

Code	Diameter	Length
53-008-00	0.8mm	5mm
53-009-00	0.9mm	5mm
53-010-00	1.0mm	5mm

Non-Serrated Long Hair Punch

- Extended Length Design: allows precise extraction without the need to trim existing hair
- Ultra-Sharp Cutting Edge: ensures clean and smooth incisions for minimal tissue trauma
- Low Friction Surface: reduces heat generation and tissue adhesion
- Available sizes: Ø 0.8mm – 1.0mm (custom sizes upon request)

Code	Diameter	Length
54-008-00	0.8mm	5mm
54-009-00	0.9mm	5mm
54-010-00	1.0mm	5mm

Manual Punches & Holder

Manual FUE Punches

A thinner wall and a sharp cutting edge facilitates better angulation and pinpoint skin entry, minimizing scars.

7 SIZES · 0.6–1.2MM

Code	Ø
52-006-00	0.6
52-009-00	0.9
52-012-00	1.2

Manual Punch Handle

Knurled-grip stainless handle engineered to accept all standard Scharf manual FUE punches securely.

CODE 50-1200-01

FUE Punch Manual Handle

You can now use your motorized FUE punches as manual punches — one handle, full compatibility.

CODE 50-100-00

Fue Forceps

Scharf Extracting Forceps

- Improved design by our specialist
- Light weight
- Titanium coated, more durable
- No hair break
- No damage to hair
- Especially for extracting the grafts
- Micro vertical serrations to reduce trauma
- Durable tip, easy grip
- Extracts multiple grafts at a time

Code	Tip Length
50-400-01	7 mm
50-400-01-06	6 mm
50-400-01-05	5 mm
50-400-01-04	4 mm
50-400-01-03	3 mm

Curved Extracting Forceps

CODE: 50-400-02

Foerster Extracting Forceps

CODE: 50-400-03

Fue Forceps

Implant Forceps

Code	Tip Length
50-600-04	4 mm
50-600-05	5 mm
50-600-06	6 mm

Implant Forceps with holes

- Improved design, PVD coated
- Specially for implanting grafts
- Durable tip and easy grip in hand
- Available in 4mm, 5mm, 6mm tip
- 45° angle designed for placing grafts
- Easily fits into smaller recipient sites without damaging
- Made of medical grade stainless steel

Code	Tip Length
50-800-04	4 mm
50-800-05	5 mm
50-800-06	6 mm

Curved Implant Forceps with holes

Code	Tip Length
50-900-04	4 mm
50-900-05	5 mm
50-900-06	6 mm

Fue Forceps

Straight forceps

- Improved design
- Best for rearranging grafts
- Durable tip and easy grip in hand
- Made of medical grade stainless steel
- Available in titanium coating

Code	Tip size
50-700-00	0.7 mm
50-700-00-10	1.0mm

Graefe straight forceps

- Horizontal serrations

Code	Tip size
50-700-03-07	0.7mm
50-700-03-06	0.6mm
50-700-03-10	1.0 mm

Foerster straight forceps

- Horizontal serrations inside

Code	Tip size
50-700-02-07	0.7 mm
50-700-02-06	0.6 mm

Blades & Blade Holders

Blade Holder For CTS

- Improved design by our specialist
- Light weight
- Tungsten carbide tip
- Good grip for blades

Halsey Needle Holder

- Halsey needle holder with tungsten carbide tip
- Medical grade stainless steel
- Good grip for blades

Code	Length
04-330-09	9cm
04-330-11	11cm
04-330-13	13cm

CTS Blades

Recipient Sites Blades (Box of 50 pcs), 90° · code: 11-541-13

Code	Tip size
57-100-09	9mm
57-100-10	10mm
57-100-11	11mm
57-100-12	12mm
57-100-13	13mm
57-100-14	14mm

Blades & Blade Holders

Sapphire blades

- Diamond Hair Transplant Knife/Blade, 60°, 10000–20000 slits with one blade
- Made of 9 Mohs hardness black diamond
- The knife is equipped with a retractable titanium handle
- Smooth edge and sharp point
- No damage to existing hair
- High survival rate, less scarring

CODE: 55-100-00

Sapphire Holder

Code	Length
55-100-08	0.8mm – 5mm
55-100-09	0.9mm – 5mm
55-100-10	1.0mm – 5mm
55-100-11	1.1mm – 5mm
55-100-12	1.2mm – 5mm
55-100-125	1.25mm – 5mm
55-100-13	1.3mm – 5mm
55-100-14	1.4mm – 5mm
55-100-15	1.5mm – 5mm
55-100-17	1.7mm – 5mm

FUE Implant Systems

Incuram Implanters

- Hairs can be directly loaded without extra trimming procedure
- Excellent needle made with strongest metal through specific process
- Extremely sharp point of needle with best strength
- Excellent grip and easy rotation during implanting
- Needles will not rotate · hairs will not spring out
- Exact hair depth in scalp · easy to find the bevel side

Code	Size / Color
55-400-07	0.7mm · GREEN
55-400-08	0.8mm · BLUE
55-400-09	0.9mm · RED
55-400-10	1.0mm · WHITE
55-400-11	1.1mm · BLACK

Incuram Needles

Code	Size / Color
55-401-07	0.7mm · GREEN
55-401-08	0.8mm · BLUE
55-401-09	0.9mm · RED
55-401-10	1.0mm · WHITE
55-401-11	1.1mm · BLACK

Ecube Micromotor

CODE: 60-250-00

OSCILLATION PARAMETERS

Angle	**30°–150°**
Speed	**150 / 250 RPM**
Gear Ratio	**10:1 · 16:1 · 20:1**
Control	**Foot pedal**

KEY FEATURES

1. **LCD Window** — full digital speed & torque display
2. **9 Programmable memory functions** — save custom surgeon presets
3. **Automatic overload protection** — safeguards motor under load
4. **Automatic power-off function** — extends component life
5. **Max. RPM 0–13,000** — full clinical speed range
6. **Charging time ≈5 hours** — reliable full-day use
7. **Variable speed foot control** — hands-free precision
8. **Dual voltage 100–240V** — plug-in ready worldwide
9. **1 year warranty** — autoclavable hand-piece included

Scharf Precision LH Device

LONG HAIR FUE MICROMOTOR SYSTEM • OPERATOR MANUAL

Ref SKU: **60-800-00**
Doc Ref: **UM-LH-REV2**
Scharf Instruments®

Clinical Purpose: Specifically engineered for non-shaven and long hair follicular extraction. The system pairs reciprocating oscillatory angular movement with continuous rotation to prevent follicle winding, shaft shearing, and thermal trauma.

Step 1: Main Mode Selection Screen
Upon turning on the rear power switch, the console displays two primary clinical choices: **ROTATION** (conventional short-hair extraction) and **OSCILLATION** (non-shaven / long hair harvesting). Tap either button to load the dedicated control interface. Tap **< BACK** at any time to return here.

EXTRACTION MODES & SCREEN CONTROLS

Oscillation Mode Interface (Non-Shaven)

- **Angle Adjustment:** Set 180°–540° reciprocation (recommended: 270°–360°).
- **Speed Control:** Press **SPEED +**; motor activates starting at minimum **5%**.
- **Pedal Activation:** Tap the pedal icon—turns **GREEN** when armed.
- **Graft Counter:** Automatically increments per pedal actuation cycle.

Continuous Rotation Mode (Standard FUE)

- **Continuous Drive:** High-efficiency uni-directional rotation for shaven donor areas.
- **Speed Slider:** Step-less fine control from 5% to calibrated max RPM.
- **Pedal / Panel Start:** Press green **START** on screen or step on foot pedal.
- **Session Metrics:** Real-time elapsed timer & session graft count with Reset option.

INITIAL SETUP SEQUENCE

1. **Cable Connections**
   Insert handpiece into **Right Motor Plug**; connect foot pedal into **Left Pedal Plug**; attach power cord to **Back Power Plug** and switch on.

2. **Punch Collet Loading**
   Rotate handpiece chuck mechanism, seat the Scharf LH punch firmly into the collet, and lock securely. Verify zero radial wobble.

3. **Arm Pedal & Set Speed Threshold**
   Select mode, press the **Pedal Icon** (turns green), tap **SPEED +** to engage starting at **5%**, and adjust angle to donor requirements.

Scharf Precision LH Device — Technical & Clinical Guide

Customer Support:
info@scharfinstruments.com
www.scharfinstruments.com

1. TECHNICAL SPECIFICATIONS

Specification	Value / Details
Operating Modes	Oscillation (Non-Shaven) & Continuous Rotation
Speed Range	Adjustable slider starting from a calibrated minimum of **5%**.
Oscillation Angle	180° to 540° adjustable range
Handpiece Weight	Approx. 120 grams (Ultralight Aviation Aluminum)
Punch Compatibility	Fits all standard FUE punches & Scharf specialty LH punches
Autoclave Rating	Handpiece fully autoclavable (134°C Pre-vacuum cycle)
Power Input	Universal AC 100V–240V / 50–60Hz

2. AUTOCLAVE & MAINTENANCE PROTOCOLS

Handpiece Sterilization

- **Preparation:** Disconnect the motor cable. Wipe handpiece body clean. Remove punch before sterilizing.
- **Cycle Parameters:** Steam sterilization (Pre-vacuum). Max temperature **134°C (273°F)**. Standard cycle length.
- **Cooling:** Allow handpiece to cool completely before use to prevent bearing expansion issues.

Touchscreen & Housing Maintenance

- **Console Disinfection:** Clean housing and touch glass with hospital-grade disinfectant wipes (quaternary ammonium or isopropyl alcohol).
- **NEVER Autoclave Console:** Main unit, power cable, cable part of handpiece and foot pedal are non-autoclavable.
- **Chuck Lubrication:** Apply 1 drop of medical instrument lubricant into the punch chuck weekly or every 25 autoclave runs.

3. CLINICAL BEST PRACTICES: NON-SHAVEN / LONG HAIR EXTRACTION

Shaft Groove Alignment: Before activating the foot pedal, thread long hair shafts into the specialized open slot of the Scharf Long Hair punch. Align punch parallel with natural follicular exit angle.

Angle & Depth Control: An oscillation angle of 270°–360° prevents the hair shaft from wrapping around the punch during deeper penetration. Keep saline hydration optimal.

4. TROUBLESHOOTING GUIDE

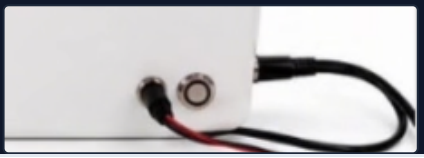
Condition	Probable Cause	Resolution
Motor does not run when pedal pressed	Pedal icon not active (gray) or cable disconnected.	Tap pedal icon on screen until it turns **GREEN**. Check **Left Pedal Plug** and **Right Motor Plug** connections.
Speed remains zero / motor idle	Speed slider set below minimum.	Press **SPEED +** to engage starting threshold (minimum 5%) and increase to required speed.
Hair wrapping around punch	Continuous rotation selected or oscillation angle too wide.	Switch to **Oscillation Mode**; decrease angle to 270°–360° for clean reciprocal motion.
Graft counter not incrementing	Continuous motor start used instead of pedal drive.	Trigger harvests via foot pedal to ensure automated counting per extraction.

5. HARDWARE PORT CONNECTIONS

RIGHT PORT (HANDPIECE)

LEFT PORT (PEDAL)

BACK PANEL (POWER)



Micromotors

K-38 Micromotor Chargeable

FUE Micro-motor K38, rechargeable, with H200 autoclavable hand-piece and foot control.

code: 60-700-00

M3 Champion Autoclavable

- Hand-foot pedal
- Autoclavable hand piece
- Inner channel cooling system
- Straight head
- Rotation speed: about 20,000 rpm
- Bur applicable: Ø2.35mm
- Noise: ≤70dB

code: 60-500-00

Micromotors

Autoclaveable Handpiece

- Hand-foot pedal
- Autoclavable hand piece
- Inner channel cooling system
- Straight head
- Rotation speed: about 20,000 rpm
- Bur applicable: Ø2.35mm
- Noise: ≤70dB

code: 60-600-00

FUE Micromotor E-Cube Micromotor

- E-Cube micro motor hand piece
- Cable part (motor only)

code: 60-250-01

Sterilization Boxes & Trays

Instruments Box with holes

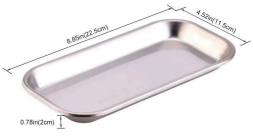
- Instruments box for forceps and punches
- With autoclavable silicon base
- Needs to be packed before autoclave
- L:19cm · W:9cm · H:2cm

code: 29-354-20

Sterilization Container

- Sterilization tray, 300x140x40mm
- Best quality with silicon
- Autoclavable silicon for micro instruments
- Instruments stored in these containers can typically remain sterile for 6 months to 1 year
- Available in red, blue & silver

code: 29-381-40



Metal Tray for Grafts

- Made of 304 stainless steel
- Autoclavable
- Tray for FUE grafts, sized to fit ice pack
- L:22cm · W:11cm · H:2cm

code: 29-225-02

Sterilization Boxes & Trays

Instruments Tray

- Made of 304 stainless steel
- Autoclavable
- 28 x 18 x 4 cm

code: 29-532-04

Gallipot

200cc gallipot bowl.

Code: 29-700-10

Sterilization Boxes & Trays

Petri dishes

- Autoclave-able
- With cover
- Available in different sizes

Code	Tip size
29-100-08	8mm
29-100-10	10mm
29-100-12	12mm
29-100-15	15mm

Graft Cup Ring

- Adjustable ring
- Flexible finger ring

Code: 29-520-00

Dermojet Needle-less Anesthesia

- High technology material
- Ergonomic: maneuverable, equilibrated, allows intensive use without needless effort
- Efficient: incorporated reservoir allows operation in every position
- Esthetic: a modern, highly polished and streamlined device
- Easy to use: arm activated by a simple turn of the lever; liquid flushed by pressing the button
- Sterilisable · Made in France

Code: 29-400-00

4-Compartment Graft Dish

- Made of surgical-grade stainless steel
- Autoclavable
- 4 compartments for sorting and organizing grafts
- Ø10cm x 1.5cm

Code: 29-200-10

Magnifiers · Optics & Lights

Hairline Designer

Scharf hairline designer — easy to draw a precise hairline, with an ergonomic grip.

Code: 70-300-00

Surgical Skin Marker

- Formulated to reduce blurring on the skin
- Requires only 30 seconds drying time before prep for optimal results
- Non-tattooing and non-irritating
- Single-use pen
- Pen tip designed for precision marking

Code: 70-500-00

Magnifiers · Optics & Lights

Metal Comb

Made of 304 stainless steel · can be sterilized · ergonomic grip.

Code: 29-600-00

Backhaus Towel Clamp

Made of medical grade stainless steel, 11cm. A perforating clamp used for grasping tissue, securing towels or drapes.

Code: 07-685-11

Scissor Sharp Blunt

Standard scissor, sharp/blunt, 14cm.

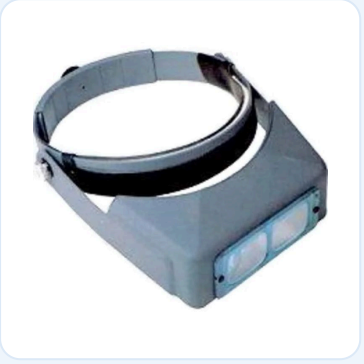
Code: 05-902-14

Magnifiers · Optics & Lights

Hair Analyzer LED

- Magnification: 10x / 38.0 dpt
- Lens size: 35mm diameter
- Lens type: aspheric lightweight lens
- LED illumination
- Battery operated — runs on two AAA batteries

Code: 70-200-11



Optivisor

Code	Item no	Focal Length	Magnification
70-101-02	DA-2	20″	1.5x
70-101-03	DA-3	14″	1.75x
70-101-04	DA-4	10″	2x
70-101-05	DA-5	8″	2.5x
70-101-07	DA-7	6″	2.75x
70-101-10	DA-10	4″	3.5x

Magnifiers · Optics & Lights

Optic Magnifier with 5 Lenses and Light

5 lenses, with batteries, LED light, 1.5x to 3.5x magnification.

Code: 70-400-00

Wifi Hair Analyzer Microscope

A wireless handheld digital microscope designed to work with your mobile Android or iOS device. Wirelessly streams live footage to over 33ft away while magnifying objects with a 50x to 1000x zoom.

Code: 70-250-00

Scharf Instruments

Founded in 2011, Scharf Instruments is a leading manufacturer and global supplier of high-quality medical instruments, specializing in hair transplantation and plastic surgery. With a commitment to precision, innovation, and customer satisfaction, we have built a reputation for delivering exceptional products that meet the highest standards of quality and performance.

OUR PRODUCT RANGE INCLUDES

1. **FUE Punches** — manual, sharp, and serrated designs for optimal graft extraction.
2. **Implant / Placing Forceps** — ergonomically designed for precise graft placement.
3. **Extracting Forceps** — engineered for efficient graft extraction.
4. **Micromotors and Accessories** — advanced tools to enhance surgical efficiency.

At Scharf Instruments, we understand the importance of reliability in surgical procedures. Our instruments are crafted using premium materials and undergo rigorous quality control to ensure durability and performance. Trusted by professionals worldwide, our products are designed to meet the evolving needs of the medical community.

We invite you to explore our catalogue and discover how Scharf Instruments can support your surgical practice with precision-engineered tools that deliver outstanding results.

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