



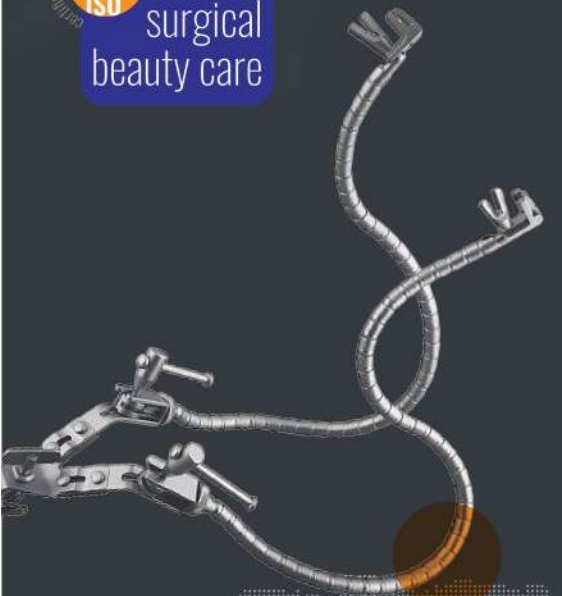
PROWA



ملف الشركة
Unternehmensprofil
Profilo Aziendale
Profil de l'entreprise
Perfil de la empresa
Профиль компании

11th edition
company
PROFILE

certified and approved instruments
FDA
CE
ISO
dental
surgical
beauty care



PROWATM
MEDICAL INSTRUMENTS

Prowa
Medical
Instruments

we serve humanity



the
ultimate
choice
for
healthcare
professionals

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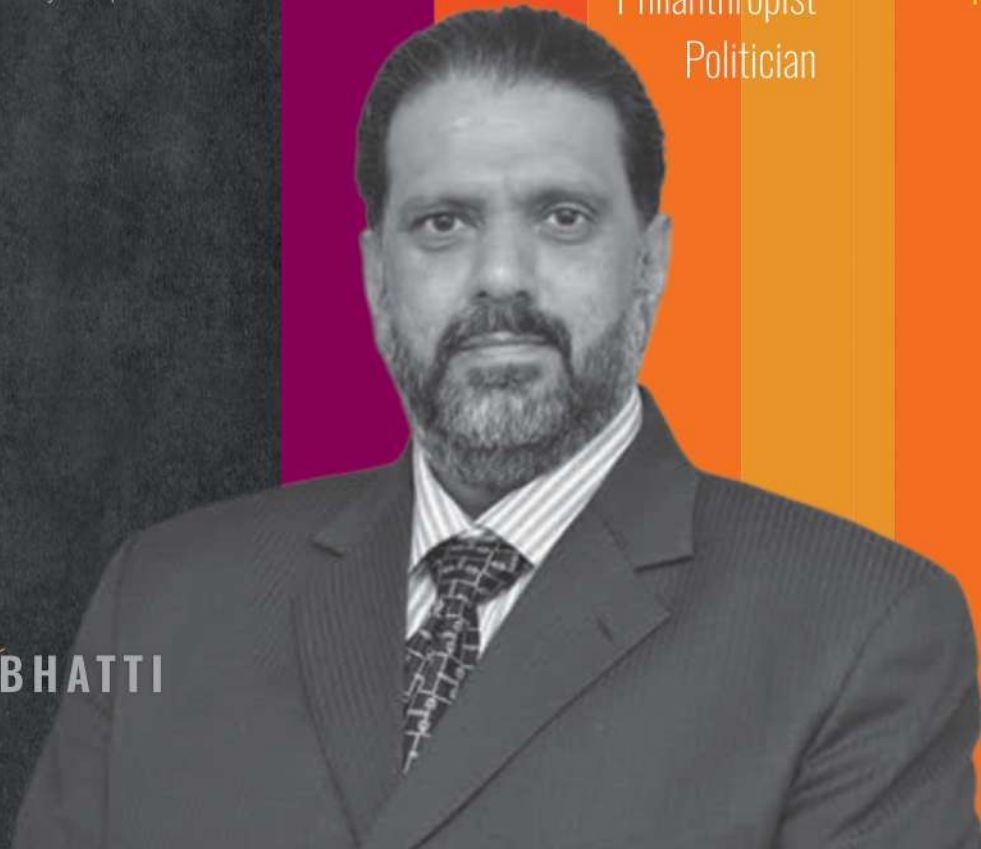


CORPORATE MANAGEMENT

In order to create a platform to operate in a variety of surgical, dental, and beauty care instruments, the Chief Executive combined his visionary ideas and practical working principles. He have been successful in meeting customer expectations and helping their goals become reality through a mix of entrepreneurial zeal, professional quality, and in-depth grasp of the demand-supply dynamics in the worldwide healthcare business. He have achieved this by adjusting to a changing competitive environment, being steadfastly committed to quality, and exercising fiscal restraint. As a result, he have made significant advancements in line of instruments in a relatively short period of time.

“my belief,
enduring &
consistent
quality

inspiring
WAHEED BHATTI
Chief Executive



Business Tycoon
Philanthropist
Politician

it is better to constantly
make improvements than
patiently waiting for
perfection...

The head of finance manages and guides the managers in their duties. He is responsible for developing and implementing business plans to improve cost-efficiency. His responsibilities entails overseeing the company's overall business operations, financial performance, and building international relations with individuals and organizations.

The head of productions of the company is highly educated and enjoys having years of experience in medical instruments manufacturing industry. He has played a key role in transforming the company into a leading manufacturer and exporter of surgical, dental, and beauty care instruments in Pakistan.

The head of sales & marketing of the company is a visionary personality. Having vast experience, great communication skills and technical knowledge, he owns a good reputation for capturing international clients well.

Mr. Usman Bhatti
Managing Partner / Production

Mrs. Shaista Bhatti
Partner / Finance

Mr. Numan Bhatti
Partner / Sales

Ms. Emaan Bhatti
Design Engineer

Ms. Rumaan Bhatti
Human Resource

and, together
we can do
so much.

yes, we are the best team !



FOREWORD & MISSION STATEMENT

Prowa Medical Instruments has been an accredited medical instruments manufacturing factory that has gained an enviable reputation for the manufacture and supply of non-active, reusable dental and surgical instruments, beauty care instruments, diagnostic devices, hospital furniture and hollowware.

you | prowa

ensuring quality
ensuring quality
 at every manufacturing step...



delivering excellence
since 2011

**we do not compromise.
 do you?**

We lead the industry with our commitment to innovation, service, and quality.

mission

Seeking to become an ethical manufacturer of quality medical instruments by fulfilling the customer demands and exceeding customers' expectations in terms of service, price, quality.

vision

To be known as the top medical instruments manufacturing factory in the country, and implementing and adopting a new modern approach to innovation, performance, and marketing which is oriented towards the customer.

intelligent sourcing

By choosing the finest quality raw materials and employing trained human resources

cost efficiency

By employing efficient means of production to preserve resources

price control

The cutthroat pricing strategy to cater even the low order quantities.

GLOBAL OUTREACH

The international targeting and presence assists the progress of the company to firmly investigate and explore the western business trends that helps research and development team to modernize and revise the related product lines and departments.



exporting to
50
 countries

contributing
310
 million surgeries
 performed every year
globally
* source: NIH

Providing value to our clients is the center of our commitment and our brand identity centers around this promise.

**expanding horizons,
 beyond boundaries**



QUALITY CONTROL

The key elements for success of Prowa Medical Instruments are comprehensive technical know-how and innovative capacity. Whether we develop an entire new product or simply add an important detail to something already existing, we are always determined to ensure perfection as an outcome.

Prowa Medical Instruments has achieved and maintained:

- The European Authorized Representative (EC REP) Certificate
- The EUDAMED SRN under EU Medical Device Regulation (EU MDR 2017/745)
- The QMS compliant with EU Medical Device Directive (EU MDD 93/42/EEC)
- The QMS according to cGMP by U.S. Food and Drug Administration (U.S. FDA)
- The QMS according to the ISO 9001 and ISO 13485 standards
- The manufacturing factory according to the ISO 14001 and ISO 45001 standards

All the instruments manufactured uses AISI grade 304 and grade 410/420 steel that comply with substantiated quality standards that we hold, ISO 9001, ISO 13485, CE Mark Compliance, and are U.S. FDA Greenlisted.

Furthermore, our company adheres strictly to the international quality standards, and to build the customers' trust we hold the following quality management certifications as well: ISO 7151, ISO 7153-1, ISO 11135, ISO 13402, ISO 17664, ISO 17664-1, ISO 21850-1, ISO 14971, ISO 15223-1, ISO 20417, ISO 11607-1, ASTM A380-06, ASTM F899-20, and REACH Regulation (EU).



250+

workforce and sub-contractors

98%

employee retention

97%

client retention

55+

in-house machines

5K+

range of instruments

... always striving to be better than yesterday !

MEMBERSHIPS & CERTIFICATIONS



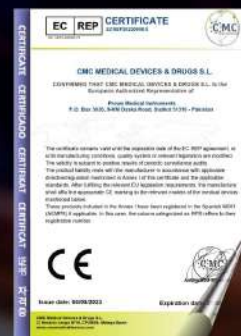
ISO 9001



ISO 13485



CE Mark



European Representative



U.S. FDA Greenlist
(under process letter)



GMDN Agency



ISO 14001



ISO 45001



No Child Labour

To view all certificates, please visit our website www.prowainstruments.com/certifications



RANGE OF PRODUCTS

dental instruments

Dental Forceps - English Pattern
Dental Forceps - American Pattern
Root Elevators, Towel Clamps
Delicate Retractors
Bone Elevators
Tongue Depressors
Bone Curettes
Dental Probes & Scalars
Enamel Instruments, Excavators
Amalgam Condensers
Gingivectomy Knives, Filling Instruments
Cement Spatula, Modelling Instruments
Matrix Retainers & Bands
Impression Trays, Operating Scissors
Orthodontic Pliers
Micro Scissors, Dressing Forceps
Artery Forceps, Operating Knives
Needle Holders
Holloware
Articulators

surgical instruments

Percussion Hammers & Aesthesiometers
Scalpel Knives, & Scalpel Handles
Scissors, Forceps, Clamps
Needle Holders
Suture Instruments & Probes
Hooks & Retractors
Intestinal & Rectal Instruments
Biopsy Forceps, Gall Duct Forceps
Vaginal Specula
Uterine Dilators, Probes & Forceps
Biopsy Forceps
Uterine Scoops, and Obstetrics Forceps
Rib Raspatories & Separators
Punches, Rongeurs and Saws
Bone Levers, Raspatories
Bone Curettes, and Mallets
Osteotomes, Bone Holding Forceps
Bone Rongeurs, Meniscus Knives
Wire Cutting Pliers, Plaster Shears
Suction Instruments
Holloware Instruments
Tungsten Carbide Instruments

holloware

Cassette Trays
Wire Mesh Baskets
Sterilizer Drum
Instruments Boxes
Gallipot
Kidney Bowls
Dressing Jar
Measuring Jar
Urinal Pots

hospital furniture

Hospital Bed
Intravenous (I.V) Stand
Instruments Trolley
Mayo Table
Soiled Linen Trolley
Bowl Stand
Examination Lamp
Ward Screen
Mounting Step
X-Ray Film Viewers
Kick Bucket

PRODUCTION RANGE

manufacturing diverse

beauty care instruments

Barber & Dressing Scissors
Nail Cutters
Cuticle Nail Nippers
Nail File Product
Eyebrow Tweezers
Manicure Instruments
Pedicure Instruments
Shaving Razors & Belts
Corn Cutter, Foot Files
Eyelash Tweezers

diagnostic devices

Laryngoscope
Otoscope
Dermatoscope
Ophthalmoscope

INSTRUMENTS CARE & REPAIR

ISO / IEC 17025
certified

Surgical and Dental Instruments are designed and manufactured with utmost care. They are made for careful handling during use and sterilization. To achieve the goal of long and satisfactory service, ensure that an instrument is used to perform the function for which it is designed. During surgery and sterilization all the medical instruments must be handled correctly.

cleaning and caring

cleaning

All the instruments should be cleaned after use. Blood, tissue should not be allowed to dry on the instruments, these shall be submerged in a solution of water and neutral pH(7) detergent.

lubrication

Immediately after cleaning the instruments, these should be carefully dried. All the instruments with hinges, locks and other moving parts such as scissors, hemostatic needle holders etc. should be lubricated.

autoclaving

For individual instruments, make sure that you use a wide enough pouch for instruments with ratchet lock so the instruments can be sterilized in unlocked position. In case of sets, place the instruments in a stainless steel instruments tray.

sterilization

Always use the proper sterilization / cleaning technique to render the instruments in the required condition for use. Sterilization of instruments does not replace cleaning. Instruments must be cleaned first and then sterilized.

repairing of instruments

Prowa Medical Instruments can repair all manner of instruments. All surgical and dental instrument repairs carried out are to an exceptionally high standard. All Instruments are repaired to Original Equipment Manufacturer (OEM) specification in accordance with the recommendations laid out in EU MDR and U.S. FDA regulations to ensure longevity of repair and protection of materials and hardness, which can be detrimentally affected by a non-OEM repair. The manufacturing of 5000 new instruments uses as much carbon as powering a house for a whole year, though the energy consumption of a repair is small compared with mineral extraction and stainless steel production.



SURGICAL INSTRUMENTS



SUPPLYING
QUALITY
INSTRUMENTS
SINCE
FOREVER

seeking excellence?

confidence
in every
incision

Our instruments are what makes a difference for surgeons. All of this can be attributed to the commitment, accuracy, and attention we put into instruments' research and development that assists in each useful surgery.

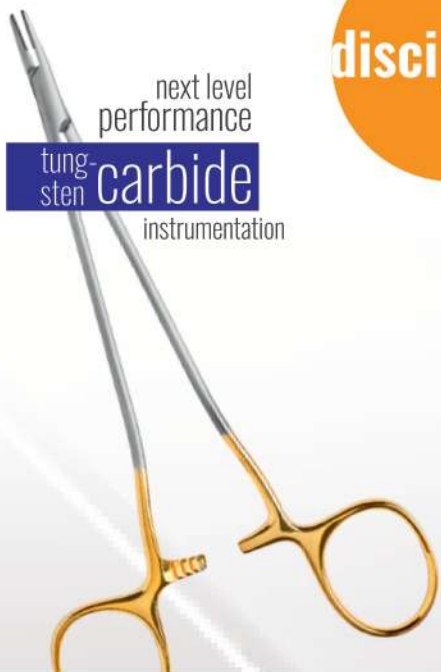


disciplines

- Cardiac, thoracic & vascular surgery
- Cranio-maxillofacial surgery
- Gynecology, Urology
- General surgery
- Plastic surgery
- Orthopedics
- Neurosurgery

next level
performance

tung-
sten **carbide**
instrumentation



Outstanding functionality and longevity are the hallmarks of the surgical instruments manufactured by Prowa Medical Instruments.

The process of manufacturing the surgical instruments combines high tech methods with traditional, manual workmanship.

improving healthcare
through magnificent retractor systems



DENTAL INSTRUMENTS

Dental Instruments are made of stainless steel according to DIN EN ISO 7153-1 and therefore biocompatible, corrosion-resistant and non-toxic in a biological environment.

versatile trays



the *mouth* that lasts

Our dental instruments are designed for invasive and surgical-invasive treatments in dental medicine.



dental perfection made easy

GRACE-Y
all you need!

The dental professionals including dentists, hygienists, and dental assistants use various types of instruments to clean, extract, reconstruct, and eliminate carries in teeth.

innovative
dentistry

ortho
perio
endo
pedodo

complete range



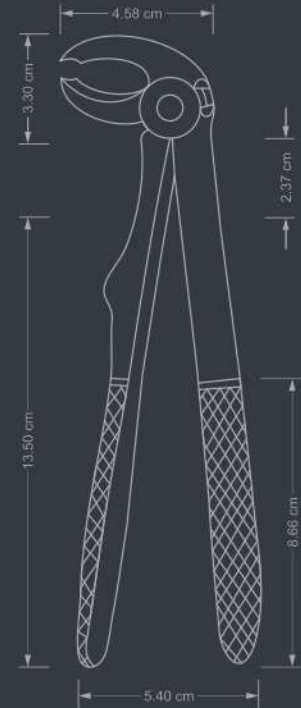
Precision. Passion. Perfection.
in every instrument manufactured

EXPERIENCE
LUXURY

elevate your
dental game

2d & 3d technical drawings

precision with computer numerical control technology



* This technical drawing is just a sample, actual measurements and parts may differ.



BEAUTY CARE INSTRUMENTS

RoHS and REACH compliant instruments produced for beauticians, facial experts and beauty therapists to provide the finest treatments.

- Eyelash Tweezers
- Hair Extension Pliers
- Hair Cutting Scissors
- Thinning Scissors
- Razors / Shapers
- Nail Cutter
- Cuticle Pusher
- Cuticle Nipper
- Nail Buffer
- Nail File
- Foot File
- Nail Brush

a touch of luxury



DIAGNOSTIC DEVICES

We are producing a diverse range of finest quality laryngoscopes & related medical diagnostic devices.

LARYNGO | OTO | DERMATO | OPHTHALMO

SCOPE



metal handle
CONVENTIONAL



plastic body
DISPOSABLE



* Available in Conventional & Fiber Optic



HOSPITAL HOLLOWWARE

sterilization
trays. baskets



Cassette Trays
Wire Mesh Baskets
Sterilizer Drum
Instruments Boxes
Gallipot
Kidney Bowls
Dressing Jar
Measuring Jar
Urinal Pots

Our instruments are decontaminated with three way sterilization using ETO, Enzymes & TRI before final washing and UV treatment.

urinal & fecal



HOSPITAL FURNITURE

effortless
mobility



Hospital Bed
Intravenous (I.V) Stand
Instruments Trolley
Mayo Table
Soiled Linen Trolley
Bowl Stand
Examination Lamp
Ward Screen
Mounting Step
X-Ray Film Viewers
Kick Bucket

stability
guaranteed



comfort
and care
all in one place

We are one of the top choice of customer for fabrication of Hospital Furniture as we have good infrastructure for bulk orders.



INSTRUMENTS MANUFACTURING



forging

The instruments are made through Drop Forging Hammers using Dyes made of the best quality D-2 Steel. The forgings later are put through the process of overall / ring trimming, and acid cleaning / pickling.

annealing

Before the forging is sent out for annealing, a visual inspection of forged instruments is made to ensure desired pattern and measurements are met with.

Annealing is a process which makes Stainless Steel soft for machining. Forged surgical instruments are annealed in vaccum furnaces to prevent corrosion. This is a slow process where forged pieces are heated to a predetermined temperature and later allowed to cool down very slowly over a period of time. This allows for easy machining and makes it supple for forming, shaping and sizing in the later stages.

milling

Annealed products are machined and milled based on the requirements of the final design. Special cutters are used for introducing teeth, serrations, ratchets, box-joints etc., ensuring exact perfection before filling.

grinding

Milled products are next grinded using high speed grinding wheels and belts, to remove any excess material left in the forging process and also to size the instruments as per the required tolerances.

heat treatment

Instruments when sized and set for perfect fit, are then heat treated in highly sophisticated furnaces. This process is used to harden the annealed instruments as per the final requirements. This is also an important step as the hardness of the instruments must be within the acceptable range.

hardness

The instruments are now tested using diamond tipped Rockwell hardness test equipment to ensure proper hardness of instruments.

filling

Technicians take the adjoining pieces of instruments and set them together. At this stage, the final shape of the instrument emerges and is joined together using screws or rivets in case of forceps and scissors. The serrations, ratchets, and teeth are also aligned and straightened to form the perfect fit.

This process is very important in order to get accurate size, design, weight and pattern of the instruments based on the master sample.

electro polishing

Instruments are next grinded to remove deep scratches from the medium-coarse grinding and sizing in the previous stages, as per the requirements.

Electro Polishing is a process of anodically smothering the surface of instruments that gives a shiny look which also removes burs from instruments.

sand blasting

Instruments are then transferred to sand blasting unit where the joint, teeth and ratchet of instruments are sand blasted to give them matt look and protect from rust while in usage. Sand blasting is effective for removing light or dark spots over instruments surface.

finishing

After technical inspection, all the instruments are polished in per the final requirements either to a mirror polish, satin or sand finish.

inspection

Instruments are individually hand-examined. Each and every feature of an instrument is examined including serrations, ratchets, jaws, and teeth while testing the cutting, grasping, and moving functions.

CRAFTS- MANSHIP



SUSTAINABLE PRODUCTION

Prowa Medical Instruments manufacture products with awareness and importance of natural resources. It is a key concern at the company not to waste natural resources during production at any stage. To attain sustainability, the company tries to minimize all kinds of wastages.

We are determined to environmental protection and sustainable resource management implementing their corporate social responsibility so the resources are not diminished at the expense of future generations.

We give the highest priority and commitment to better sustainable practices that will lead to a greener and healthier planet.

Reuse Reduce Recycle

We have been successful in reducing carbon and water footprint, decrease our energy consumption, and lower our wastage.

THINK GREEN ACT GREEN

Our HSE department initiate health and safety solutions that are tailored to working conditions and based on participation.

We are committed to empower women of the society, as we believe it makes a women financially independent, and moreover a competitive member of society.

environmental management system
ISO 14001
certified



SUSTAINABLE DEVELOPMENT GOALS



no poverty



gender equality



economic growth

Over the years we have kept the tradition of showing unconditional love and kindness to our community, and our labour.

health benefits financial support waste control recreational activities

health. safety. environment.

CORPORATE SOCIAL RESPONSIBILITY



empowering women
is the key to building strong communities



As a good corporate citizens and most importantly as a matter of social responsibility, we are committed to the ideals of protecting children from the exploitations of child labour.



MEDICAL
INSTRUMENTS
MANUFACTURING
FACTORY



PROWATM
MEDICAL
INSTRUMENTS

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