

TECNO-GAZ

NEWS

April 2017
Number 1

information and opportunities
directly from the
manufacturer to the user

THE TECHNOLOGICAL HEART OF DENTISTRY

TECHNOLOGY BUILT
AROUND YOU.

A WORLD BUILT **AROUND YOU.**

We offer a *complete Tecno-Gaz clinic.*

Tecno-Gaz is able to offer a range of solutions to handle, manage and expand the operations of your practice. Our solutions does not end with providing you with the single product, but include a range of services, skills and expertise.





PROJECT KYRI

Multi-purpose Surgical Clinic



The Kyri project can be configured with a logic purely surgical, and then evolve into a multifunctional studio, with the addition of the water unit and the cart with tools.

A modularity that allows you to grow your structure according to your needs.



ERGOSEAT

The device is designed to guarantee correct posture and thanks to the inductive system with motion compensated between seat and back.



KYRI CART

Possibility of configuration and operational flexibility thanks to Kyri Cart. Five slots for tools and total control of the set-up of Kyri to store and recall your favourite positions.



KYRI WATER UNIT

The element that makes the studio truly versatile, (from surgery to general dentistry). It can be placed under the worktops and equipped with suction cannulas.

Infinite number of positions based on 5 axes

Kyri supports you in any position. Thanks to its 5-axis movement, it can assume any position required to ensure its conventional operation, as well as unusual or unexpected positions.



Surgical
Clinic



ORION 40DS

Universal lamp, with double selection: surgical use and dental daily use, adjustable light intensity, spot long light depth, double colour temperature, extreme manageability.

KYRI

Kyri is the only surgical chair designed and built in accordance with rules of dental ergonomomy. The chair movements are controlled by four motors, thus allowing the chair to be moved into any position, facilitating the operator's work and increasing the patient's comfort. The chair can have a satellite arm for cannula suction and side rails on which is possible to put any accessory: armrests, suction for physiological pockets, supports for housing arms, etc..

SMART TROLLEY

The first line of technical furniture, able to assist in the efficiency of your daily work. The real innovation and evolution in dental cabinet.

80+
More than
80 possible
configurations



KYRI BRIDGE

The bridge table is a simple accessory positioned in the common ergonomic space between doctor and assistant. Its strategic position contributes to the quality of surgical treatment.



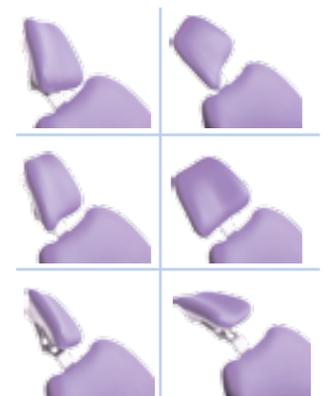
KYRI DSS

New surgical aspirator: adjustable suction, control pedal, double vessel and disposable bags with valves.



3-axis orbital headrest

70% of implants involving molars and premolars need lateral surgery. This headrest ensures better posture and less muscular pressure for the patient, thereby facilitating ease of such surgery.



SMART TROLLEY

80+
More than 80 possible configurations

Tecno-Gaz has created the SMART TROLLEY concept, changing what seemed unchangeable. SMART TROLLEY is a Copernican revolution, not only because it completely innovates a sector, but because it changes the identity and role of a major component of the dental structure. The 'FURNITURE' is no longer simply a component of visual enhancement to the structure but an element of organisation, order and efficiency, becoming an asset in daily work.



Unlimited setups



IT IS TIME TO MAKE YOUR CLINIC OPERATIONAL



- ✓ Created to make work easy and productive
- ✓ From the container to the operating device
- ✓ Suitable for all clinics: can be easily integrated and configured

First impressions and the first moments of any treatment represent the most important time for the patient and the operator. From the beginning, the levels are set for tension and the relative quality of the dental procedure to follow. A clinically welcoming environment provides the patient with a positive experience and the dentist with unprecedented ergonomic operation.



Integrated service units

Dispenser cabinet for material and detergents



Basin



They can be easily integrated and are *fully configurable*

The patient is welcomed to the operating area without generating stress or tension. A non-traumatic visual impact, that can help your patients overcome the age-old fear of dental surgery, is both necessary and appropriate. Clean lines, no "looming" device, maximum order, maximum harmony, hygiene and the highest quality perception.



Visual cleanliness
maximum linearity

Easy to clean
and sanitise

Maximum flexibility
for any treatment

Foldaway handpiece holder

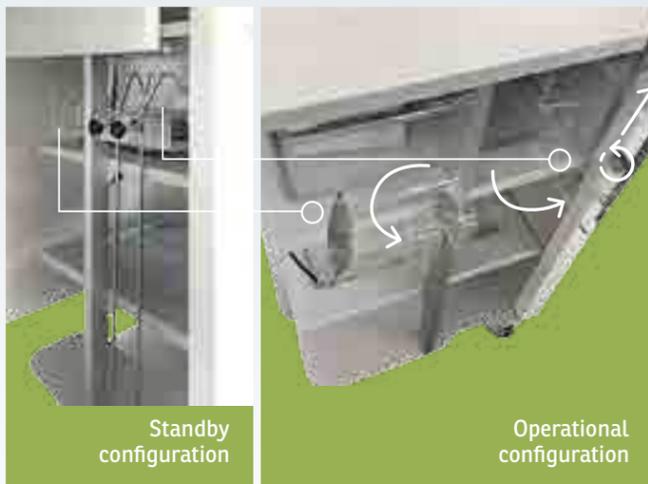
Handpiece holder table with three foldaway sections to ensure you always have what you need within easy reach, with the added benefit of "concealing" everything with a simple step.

Accessible wiring panel

Knobs to adjust the tilt of the surfaces

Physiological pole holder

Smart Trolley Electromedical can be fitted with a physiological pole holder. The perfect surgical trolley by your side that once set up provides operators with anything they need.



Smart Trolley Intraoperative

Smart Trolley Electromedical

Smart Trolley Postoperative



Any operating area needs to provide operators with what they need, repeatedly and independently. This is all encapsulated in the Intraoperative SmartTrolley: when it is not being used, everything remains hidden inside. When it is in use i.e. when removed from its box, it becomes an indispensable tool.

HQ guides with removable drawer



Dental staff uses a large amount of electromedical tools during dental procedures. The solution is Smart Trolley Electromedical which, with its centralised power supply system, modularity, and the accommodation of bulky pedal commands, becomes an indispensable organisational and functional element.

Tilting surface



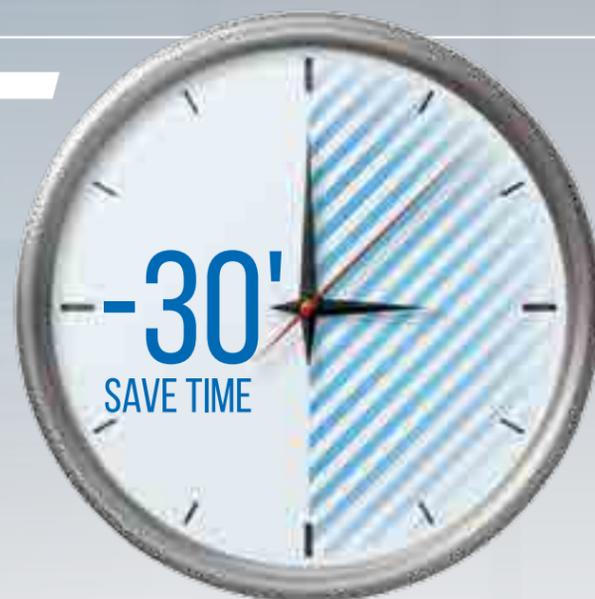
To save time and efficiently manage waste and contaminated material, we have developed the Postoperative Smart Trolley. Thanks to its built-in decontamination tank and recycling compartments, it is a hub for the collection and sorting of infected material.



NEW

Tecno-Gaz Sterilisation Project

STERILISATION... FAST



COMPLETE
CYCLE

16'

NEW

MULTISTERIL FAST
COMPLETE CYCLE
in 16 minutes!

1 Multisteril Fast

MULTISTERIL CD

Liquid for **disinfection and cleaning**

MULTISTERIL + MULTISTERIL CD

The first Certified System:

- Certified cleaning**
- Certified disinfection**
- Instrument protection**



All phases automatic:
disinfection, cleaning,
rinse and drying.
security, save time,
save money.

16'
COMPLETE CYCLE

STAND-BY
DISINFECTION **NEW!**

ULTRASOUND
CLEANING

AUTOMATIC
RINSE

DRYING

1

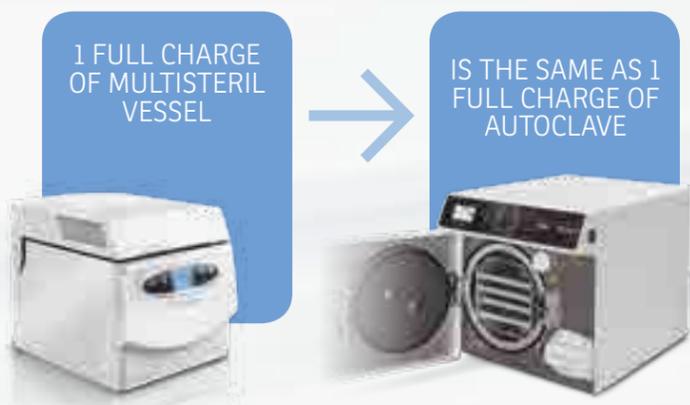
2

3

4

ADOPT TECNO-GAZ PROTOCOL! WITH ONLY 3 PIECES OF EQUIPMENT YOU CAN CONSTRUCT THE BEST STERILISATION PROCESS!

MAXIMUM OPTIMIZATION AND STREAMLINING OF THE LOADS



▷ MULTIFUNCIONAL VESSEL
MULTISTERIL



▷ AUTOMATIC THERMOSEALING MACHINE
TECNOSEAL



▷ AUTOCLAVE CARICHI B
ONYXB



SAVE TIME
+50%



2 TecnoSeal

3 Onyx B

DRIVE SYSTEM AUTOMATIC
PHOTOCELL (10 M./MIN.)

MAXIMUM
PRODUCTIVITY,
MINIMUM TIME

ELECTRONIC BOARD
MANAGEMENT CONTROL
FOR PARAMETERS OF USE



AUTOCLAVE WITH
LARGE CAPACITY

FAST CYCLES
AND PARTIAL CYCLES

BEST
TECHNOLOGY

SIMPLE TO USE



MASTERFLUX PLUS

New delivery system IntelliFlux

IntelliFlux is designed to solve all problems caused by sedation mask circuits. IntelliFlux is equipped with connection with non-return valve to prevent dispersion and increase and enhance the sedation process.



Safety device

Minimum oxygen concentration

A constant percentage of 30% oxygen safeguards against the risk of HYPOXIA and ANOXIA.

N₂O cut-off

Cuts off the N₂O flow when the O₂ pressure is zero (no oxygen).

O₂ Emergency

When we press the O₂ device, we cut off the flow of N₂O, delivering 100% oxygen both to the control balloon and to the patient being treated.

Anti-expired gases valve

A special valve prevents expired gases from being recycled in the circuit. Additionally, a special device enables the patient to breathe ambient air in the event of a gas failure.

Automatic flow control

The system has been designed to make the flow administration quick and easy. Turning the O₂ knob, we set the flow required by the patient in litres per minute, depending on his/her respiratory volume. The special regulation knob enables the percentage of nitrous oxide delivered to be automatically adjusted from 0 to 70%.

The columns indicating the flows have been designed for fast and easy reading.

The couplings have been fitted on the back of the flow control box and their attachments are physically different in order to safeguard against the risk of inverting the hoses for the two gases. Yet another precaution to guarantee safety in the use of the machine.

The New Circuit

IntelliFlux supplies gas through two centre pipes, which do not obstruct operations.

Rear elastic support to secure the mask to the patient's face.



Ergonomics

- Perfectly suited for 4-hand usage.
- Circuits joint located above the patient's head restricting obstacles to the treatment.
- Can be moved in all positions.



Pleasant treatment

- The patient is sedated, enjoying a peaceful experience, breathing through a mask that will leave no marks on his/her face.
- The frontal holder and the rubber elastic band ensure guaranteed stability.



Fast and efficient sedation

- Perfectly sealing mask adapts to any face forms and curves for a faster and more efficient sedation treatment.



No gas dispersion in dental clinic ambiance

Many particular specifications contributes to prevent dispersion such as:

- No return valve.
- Adaptive connector to dental unit aspirators.
- New easy breathe membrane.
- Face adaptive single use silicon form.

The New Masks

Advantages of new mask and new circuits

Nose masks are no longer 100% silicone, but have a rigid transparent polysulfone centre shell, which enables visibility and prevents any torsion, thus guaranteeing a perfect hold. The adaptive cushioning and front forks enable perfect, stable positioning, thus preventing any dispersion or leakages of gas. All parts of the nose mask are autoclaved and the centre connection contains the non-return valves.



1



2



3



4

- Gas dispersion control in the clinic ambiance
- Perfect sealing on any face form
- Better comfort for patient and operator

DEFIBRILLATOR

AN OBLIGATION OR NOT AN OBLIGATION?

Obligations are often seen as "constraints", discussed and interpreted according to ones own interests. But when we speak about life-saving products, we must focus on ethics and common sense, as opposed to the concept of obligation. It is clear that in all spaces where surgical techniques are practised, as in the dental field, devices must be adaptable to rescue the patient in case of critical situations. So the pulse oximeter, oxygen and AED defibrillator, become instruments which cannot be ignored.



TECNOHEART PLUS

SEMI-AUTOMATIC DEFIBRILLATOR

Tecnoheart Plus enables defibrillation of heart muscle walls safely since it is equipped of sensors which are able to recognise cardiac arrest due to arrhythmia, ventricular fibrillation and ventricular tachycardia.

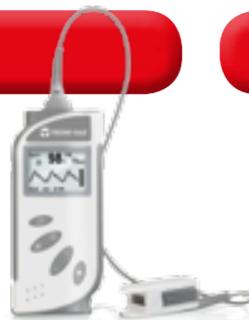
- 1 **Cover:** the cover is designed to protect the action icons, patient mode button and charge button.
- 2 **Status indicator:** the status indicator indicates the status of the unit, the temperature and the battery level.
- 3 **Paddle connector:** the paddle connector is used to connect the electrodes.
- 4 **Action Icons:** the LED indicator flashes red under the corresponding action icon.
- 5 **Patient mode switch:** once the user has identified the patient based on type, patient mode either adult or paediatric patient is selected using the mode switch.
- 6 **Charge button:** once preparation for the electric discharge is completed, the current discharge button will flash. Press the current discharge button to deliver the shock.
- 7 **Sliding button:** the sliding button opens the cover, to turn on push the sliding button to the right.
- 8 **SD card slot:** the SD card is required to save data and update AED firmware.
- 9 **Infrared communication port:** the infrared communication port is used to communicate with the PC.

THE UNIQUE DEFIBRILLATOR WITH EXCLUSIVE FEATURES!



VITAL TEST

Professional pulse oximeter that is designed for use in a dental clinic.



AIR-OX

Resuscitator (without oxygen bottle).



E POINT

Mobile First Aid Centre





Welcome to the **Savings Area!**



Art. 2200S
Multisteril
Multifunction tub

Art. 2070S
Clean
Device to clean instruments

Art. TA001TAU
TecnoSeal
Automatic thermosealing

Art. AB015ZXY
Onyx B 5.0
Autoclave for the sterilisation of type B loads

BUNDLE 1

**Multisteril+
TecnoSeal+
Onyx B 5.0+Clean=**

List Price ~~9.117€~~

Offer Price

7.000€



Art. 2200S
Multisteril
Multifunction tub

Art. 2070S
Clean
Device to clean instruments

Art. TA001TAU
TecnoSeal
Automatic thermosealing

Art. AB012ZXZ
Onyx B 7.0
Autoclave for the sterilisation of type B loads

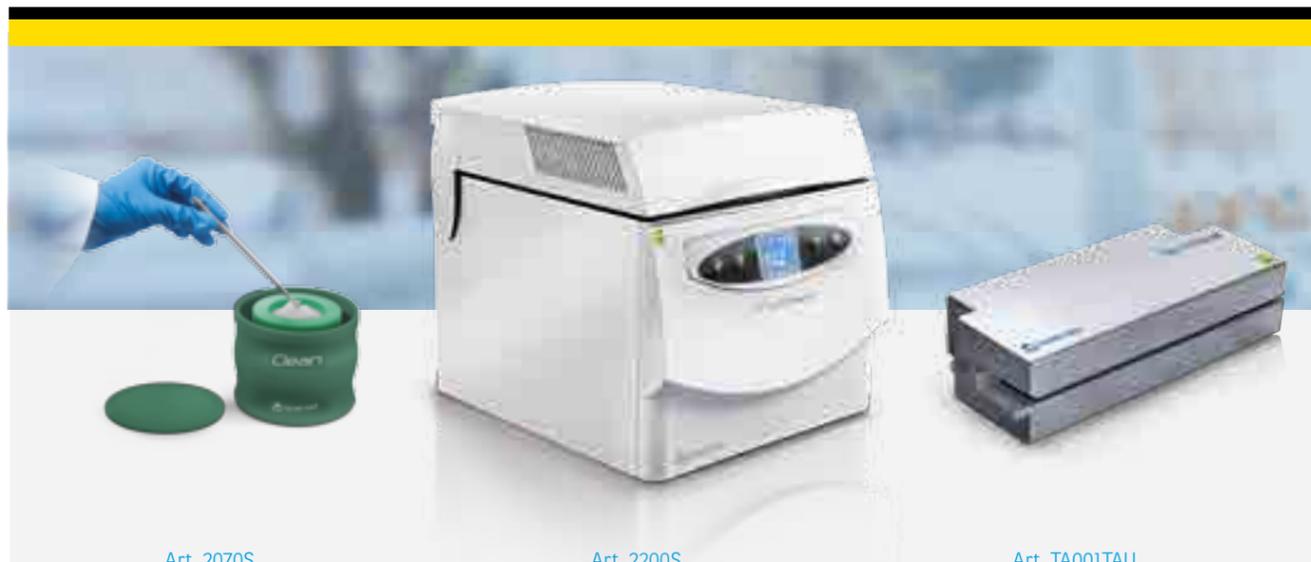
BUNDLE 2

**Multisteril+
TecnoSeal+
Onyx B 7.0+Clean=**

List Price ~~9.626€~~

Offer Price

7.500€



Art. 2070S
Clean
Device to clean instruments

Art. 2200S
Multisteril
Multifunction tub

Art. TA001TAU
TecnoSeal
Automatic thermosealing

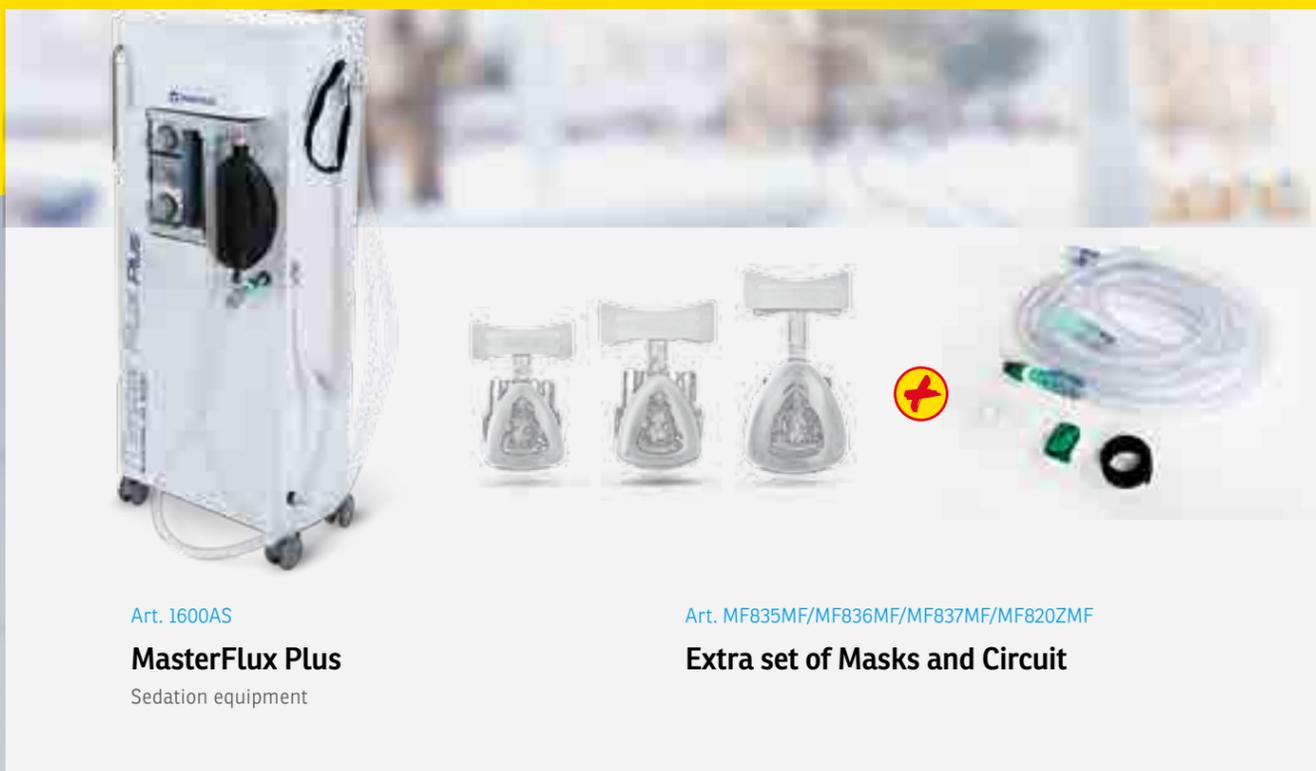
BUNDLE 3

**Multisteril+
TecnoSeal+Clean=**

List Price ~~5.140€~~

Offer Price

3.500€



Art. 1600AS

MasterFlux Plus
Sedation equipment

Art. MF835MF/MF836MF/MF837MF/MF820ZMF

Extra set of Masks and Circuit

BUNDLE 4

**MasterFlux Plus +
Extra set of Masks
and Circuit**

List Price ~~5.009€~~

Offer Price

4.000€



Art. 1600AS

MasterFlux Plus
Sedation equipment

Art. 11250

Vital Test
Pulse oximeter

Art. AE003Z12

TecnoHeart Plus
Semiautomatic defibrillator

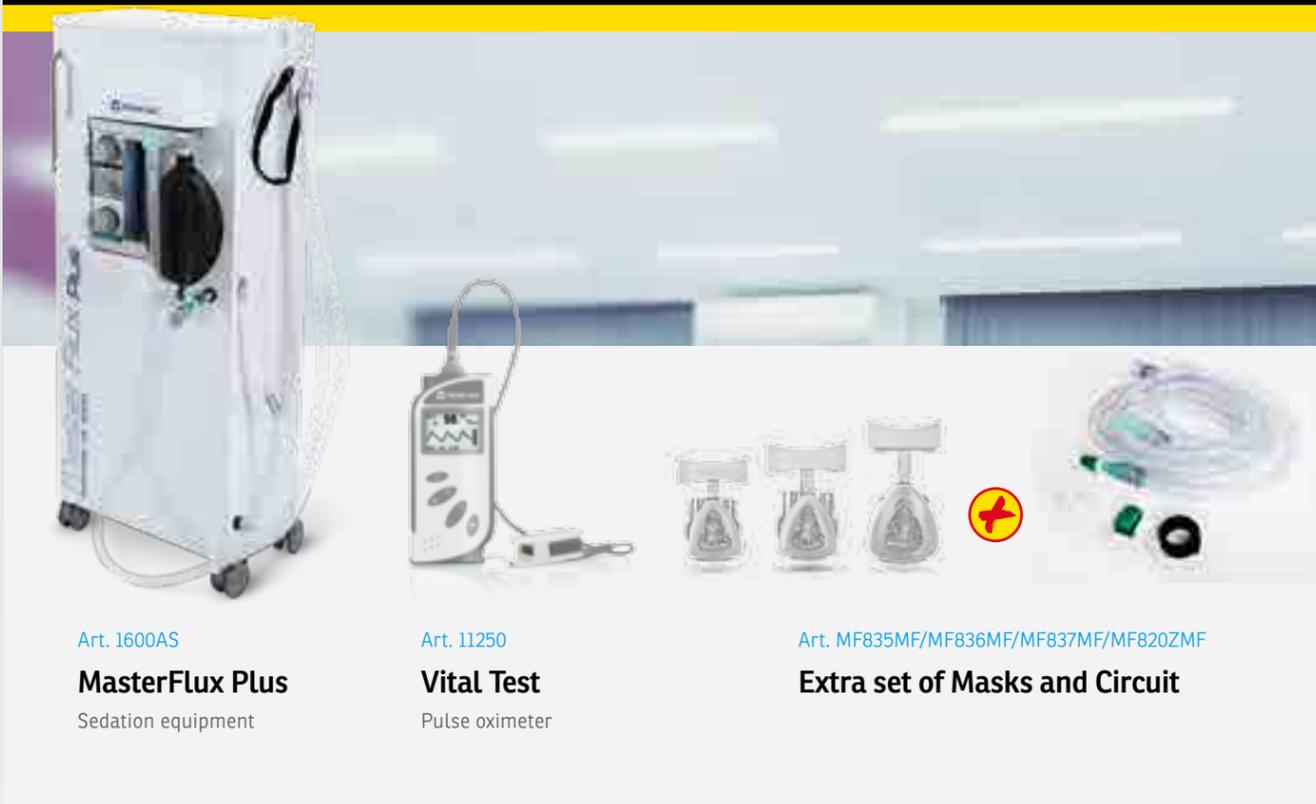
BUNDLE 5

**MasterFlux Plus +
Vital Test +
TecnoHeart Plus**

List Price ~~9.293€~~

Offer Price

5.500€



Art. 1600AS

MasterFlux Plus
Sedation equipment

Art. 11250

Vital Test
Pulse oximeter

Art. MF835MF/MF836MF/MF837MF/MF820ZMF

Extra set of Masks and Circuit

BUNDLE 6

**MasterFlux Plus +
Vital Test +
Extra set of Masks
and Circuit**

List Price ~~5.412€~~

Offer Price

4.500€



Art. M0002MPS

E-Point

Mobile first aid centre

Art. 3002-E

Air-Ox

Resuscitator

Art. AE003Z12

TecnoHeart Plus

Semiautomatic defibrillator

Art. 930325

Monitor MD

Electronic multiparameter monitor

BUNDLE 7

E-Point + Air-Ox + TecnoHeart Plus + Monitor MD =

List Price ~~6.377€~~

Offer Price

4.000€



Art. M0002MPS

E-Point

Mobile first aid centre

Art. 3002-E

Air-Ox

Resuscitator

Art. AE003Z12

TecnoHeart Plus

Semiautomatic defibrillator

Art. 11250

Vital Test

Pulse oximeter

BUNDLE 8

E-Point + Air-Ox + TecnoHeart Plus + Vital Test =

List Price ~~3.494€~~

Offer Price

2.800€



Art. 3007-E-2

Speedy 2

Resuscitation set

Art. AE003Z12

TecnoHeart Plus

Semiautomatic defibrillator

Art. 11250

Vital Test

Pulse oximeter

Art. AE004ZAE

Wall cabinet

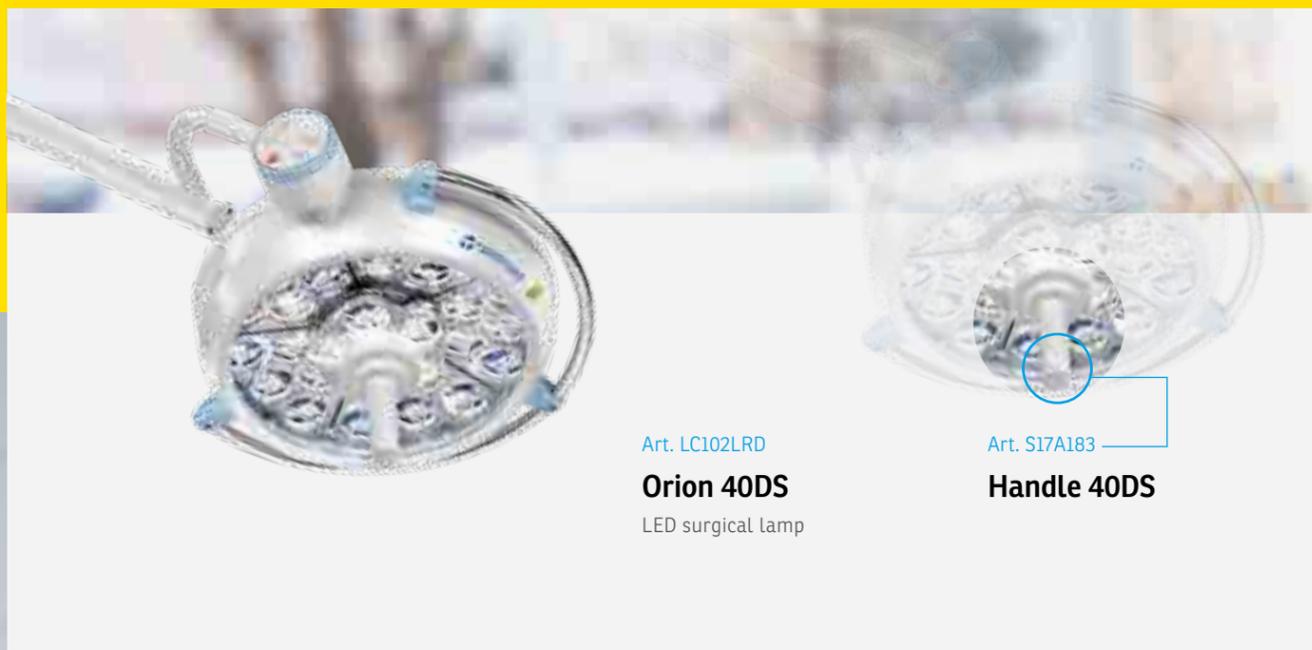
BUNDLE 9

Speedy2 + TecnoHeart + Vital Test + Wall cabinet =

List Price ~~2.283€~~

Offer Price

1.500€



Art. LC102LRD
Orion 40DS
LED surgical lamp

Art. S17A183
Handle 40DS

BUNDLE 10

Orion 40DS + Handle 40DS =

List Price ~~7.042€~~

Offer Price

5.200€



Art. LC102LRD
Orion 40DS
LED surgical lamp

Art. AC001ZB3
Kyri DSS
Surgical Aspirator

Art. SB1A305+1ZB3A0006
Kit 50 disposable bag + 5 Connector Flovac

BUNDLE 11

Orion 40DS + Kyri DSS + Kit 50 disposable bag + 5 Connector Flovac =

List Price ~~9.157€~~

Offer Price

5.800€^{TTC}



Art. LC102LRD
Orion 40DS
LED surgical lamp

Art. AC001ZB3
Kyri DSS
Surgical Aspirator

Art. SB1A305+1ZB3A0006
Kit 50 disposable bag + 5 Connector Flovac

Art. 1498E
Kyri bridge

BUNDLE 12

Orion 40DS + Kyri DSS + Kit 50 disposable bag + 5 Connector Flovac + Kyri bridge =

List Price ~~9.837€~~

Offer Price

6.400€



BUNDLE 13

**Kyri + Orion40DS
+ Kyri DSS + Kyri
bridge + ErgoSeat =**

List Price ~~21.113€~~

Offer Price

14.500€



Art. PC101POC

Kyri

Unit for lengthy surgical and dental treatments



Art. LC102LRD

Orion 40DS

LED surgical lamp



Art. AC001ZB3

Kyri DSS

Surgical Aspirator



Art. 1498E

Kyri bridge



Art. SD999SED

ErgoSeat

Ergonomic work chair

Art. SB1A305+1ZB3A0006

**Kit 50 disposable bag
+ 5 Connector Flovac**

**Bundle 13 + 3 Smart Trolley (Electromedical/ Intraoperative/
Postoperative) + Structure Parking x 4**

Art. M0006STY

Structure Parking x 4



Art. M0001STY+M0002STY+M0014STY

Smart Trolley

3 Smart Trolley,
Electromedical, Intraoperative and Postoperative

Electromedical



Intraoperative



Postoperative



BUNDLE 14

**Kyri + Orion 40DS +
Kyri DSS + Kyri
bridge + ErgoSeat +
3 Smart Trolleys +
Structure Parking
x 4 =**

List Price ~~27.175€~~

Offer Price

17.900€



Art. PC101POC

Kyri

Unit for lengthy surgical and dental treatments



Art. CA001K01+CA801K01+CA803K01
+CA804K01+CA805K01

Kyri Cart

with syringe 3F, Module for Turbine, Micromotor Module NSK LED, Additional Scaler Module SATELEC w/handpiece



BUNDLE 15

**Kyri + Kyri Cart
+ Kyri DSS + Kyri
bridge + ErgoSeat =**

List Price ~~30.331€~~

Offer Price

21.500€

Art. AC001ZB3

Kyri DSS

Surgical Aspirator



Art. SB1A305+1ZB3A0006

**Kit 50 disposable bag
+ 5 Connector Flovac**

Art. 1498E

Kyri bridge



Art. SD999SED

ErgoSeat

Ergonomic work chair



**Bundle 15 + 2 Smart Trolley (Intraoperative/ Postoperative)
+ Structure Parking x 4**

Art. M0006STY

Structure Parking x 4



Art. M0002STY+M0014STY

Smart Trolley

2 Smart Trolley,
Intraoperative and Postoperative

Intraoperative

Postoperative



BUNDLE 16

**Kyri + Kyri Cart +
Kyri DSS + Kyri
bridge + ErgoSeat +
2 Smart Trolleys +
Structure Parking
x4 =**

List Price ~~34.875€~~

Offer Price

24.000€

SILVERLINE

PROFESSIONAL TECHNICAL CLOTHING

With our SILVERLINE clothing line we offer continuity of our core business: prevention.

We know the requirement and the needs of health work and SILVERLINE is the essence of our knowledge, concentrated in this unique line of technical professional clothing. Therefore, a team composed of fashion stylists and technicians has created a range of high-quality products, offering an excellent fit with a technical aspect, based on the principles of safety and health.

1

Design

The linea SilverLine range was designed for a perfect fit and comfort during daily activities. A team of Fashion Designers and technical clothing experts have created a cutting-edge line of professional clothing.

2

Health

The bactericide action of Silver.

Ag

WITH SILVER FIBRE
ANTIBACTERIAL
FABRIC

3

Comfort

In addition to an excellent fit, the action of the fabric with silver fibres stops the spread of microorganisms that cause unpleasant odours due to perspiration. Isothermal effect for hot/cold body temperature stabilisation.

4

Productivity

By reducing exposure to pathogenic agents you reduce the risk of direct contagion.



Anticipate, advise and guide the change.

WE MANUFACTURE THE FUTURE

*BUILDING THE FUTURE,
DAY AFTER DAY,
IDEA AFTER IDEA.*



HEADQUARTERS



FACTORY 2



AUTOCLAVES PRODUCTION LINE

MTGZNO020 - Rev. 00/5/2017



Tecno- Gaz S.p.A.

Strada Cavalli, 4 - 43038 - Sala Baganza - Parma - Italy

Ph. +39 0521 83.80 Fax +39 0521 83.33.91 - www.tecnogaz.com

Cap. Soc. € 280.000 i.v. C.F. e P.IVA/VAT IT00570950345 - R.E.A. PR 138927 Iscr. Reg. Impr. PR 10061

All rights reserved by Tecno- Gaz S.p.A. Changes in images or content may be made without prior notice. Tecno- Gaz S.p.A. is not liable for damage resulting from incorrect or incomplete information reported in this document. The images used in this document are for illustrative purposes only.

Visite our Website

www.tecnogaz.com

For More Information:

00 39 0521.8380

