KOO MEDICAL



Fisio Chamber Vision
Fisio Chamber Vision Plus
Fisio Chamber Trigon with FLO-COACH
Kit Pipep
Tri Gym
Flo Gym
Accessories

Fisio Chamber Vision





ANTI-STATIC CHAMBER
The special anti-static treatment of the chamber ensures a complete suspension of the drug, allowing better drug dose uptake

VISION VALVE
The movement of the Vision Valve indicates inhalation and permits monitoring of patient compliance. The one-way valve has very little resistance to flow and can be opened with minimal inspiratory effort (suitable for patients with low tidal volume).

UNIVERSAL ADAPTER "PROPER FIT"
The soft and adjustable silicon material of the adapter ensures a perfect seal with all the inhaler connectors available on the market.

SPIRAL VENTS
The spiral vent is designed to direct the drug to the one-way valve, thereby increasing the quantity of respirable particles.

COMFORT & SEAL MASK
The soft material and the ergonomic contour ensures a perfect seal and comfort to the patient allowing a correct inhalation technique. The safety expiratory valve ensures a complete CO_2 exhalation.

Code	Description	Size	Items per box
KM-1020	Anti-static inahaler chamber with Vision Valve for MDI	Standard	12
KM-1021	Anti-static inhaler chamber with KM-1024 mask for MDI.	Pediatric 3-6 years	12
KM-1022	Anti-static inhaler chamber withKM-1025 mask for MDI.	Infant 0-3 years	12
KM-1023A	Anti-static inhaler chamber withKM-1023 mask for MDI.	Adult	12
KM-1026	Anti-static inhaler chamber with mouthpiece and connector for tracheostomy tube	Standard	12

FISIO CHAMBER VISION PLUS



ANTI-STATIC CHAMBER
The special anti-static treatment of the chamber ensures a complete suspension of the drug, allowing better drug dose uptake.

VISION VALVE
The movement of the Vision Valve indicates inhalation and permits monitoring of patient compliance.
The one-way valve has very little resistance to flow and can be opened with minimal inspiratory effort (suitable for patients with low tidal volume).

UNIVERSAL ADAPTER "PROPER FIT"
The soft and deformable silicon material of the adapter ensures a perfect seal with all the inhaler connectors available on the market.

SPIRAL VENTS
The spiral vent is designed to direct the drug to the one-way valve, thereby increasing the quantity of respirable particles.

NEW PANDA MASK COMFORT & SEAL
The soft material and the ergonomic contour ensures a perfect seal and comfort to the patient allowing a correct inhalation technique. The safety expiratory valve ensures a complete CO_2 exhalation and a tangible reduction of the internal volume of the mask.

CARRYING BAG
The carrying bag ensures protection of the device from accidental damages.

Code	Description	Size	Items per box
KM-1020B	Anti-static inahaler chamber with Vision Valve for MDI and carrying bag.	Standard	12
KM-1321B	Anti-static inhaler chamber with KM-1035 Panda mask with valve and carrying bag, for MDI.	Pediatric 3-6 years	12
KM-1322B	Anti-static inhaler chamber with KM-1036 Panda mask with valve and carrying bag, for MDI.	Infant 0-3 years	12
KM-1035	Panda Mask with valve	Pediatric	50
KM-1036	Panda Mask with valve	Infant	50

FISIO CHAMBER TRIGON



FLO-COACH

- **ANTI-STATIC CHAMBER**
  Latex Free, DEHP Free and BPA Free
- **New material and new design**
- **VISION VALVE**
- **UNIVERSAL ADAPTER "PROPER FIT"**
- **With FLO-COACH**
- **New PANDA MASK COMFORT & SEAL**
- **Available in kit with silicone mask, steam sterilizable at 121°**

ANTI-STATIC CHAMBER
The special anti-static treatment of the chamber ensures a complete suspension of the drug, improving the dose available for the patient, **Latex Free DEHP Free and BPA Free**

NEW MATERIAL AND NEW DESIGN
The new sterilizable material completely BPA-free; new ergonomic design.

VISION VALVE
The Vision Valve movement indicates proper inhalation and enables monitoring of patient compliance. The one-way valve has very little resistance to flow and can be opened with minimal inspiratory effort (suitable for patients with low tidal volume). A new solution in the design of the Chamber allows the opening of the valve for easy cleaning and constant checking of the functionality of the silicone membrane

UNIVERSAL ADAPTER "PROPER FIT"
The soft and deformable adapter silicon material ensures a perfect seal with all the **inhaler connectors** available on the market.

FLO-COACH
If the acoustic alarm sounds slow down your inhalation pace.

New PANDA MASK COMFORT & SEAL
The soft material and the ergonomic contour ensures a perfect seal and offers added comfort to the patient promoting a correct inhalation technique. The space of the New Panda masks, compared to the previous version, has reduced up to 30, moving one step forward in reducing the dimensions. Such a space reduction on the mask allows a more effective assumption of the medicine, optimizing times and limiting the dispersion of the therapy.

FISIO CHAMBER TRIGON

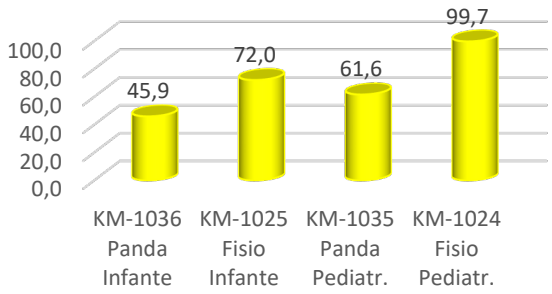
Code	Description		Pcs per box
KM-1040	Anti-static inhaler chamber for MDI with new vision valve	Standard	50
KM-1031	Anti-static inhaler chamber for MDI with new Panda mask	Pediatric 3-6 years	50
KM-1032	Anti-static inhaler chamber for MDI with new Panda mask	Infant 0-3 years	50
KM-1043	Anti-static inhaler chamber for MDI with Fisio mask	Adult	50
KM-1030B	Anti-static inhaler chamber for MDI with new vision valve and carrying blue bag	Standard	50
KM-1031B	Anti-static inhaler chamber for MDI with new Panda mask and carrying blue bag	Pediatric 3-6 years	50
KM-1032B	Anti-static inhaler chamber for MDI with new Panda mask and carrying blue bag	Infant 0-3 years	50
KM-1033B	Anti-static inhaler chamber for MDI with Fisio mask and carrying bag	Adult	50
KM-1037	Anti-static inhaler chamber new Valve for MDI with silicon Mask	Pediatric 3-6 years	50
KM-1038	Anti-static inhaler chamber new Valve for MDI with silicon mask	Infant 0-3 years	50
KM-1039	Anti-static inhaler chamber with new Vision Valve for MDI with silicon mask	Adult	50
KM-1033	Panda Mask without valve	Pediatric 3-6 years	50
KM-1034	Panda Mask without valve	Infant 0-3 years	50
KM-8043	Silicone mask infant size	Infant	50
KM-8042	Silicone mask pediatric size	Pediatric	50
KM-8041	Silicone mask adult size	Adult	50
KM-8040	Silicone mask extra -large size	Extra Large	50

PANDA MASKS WITH AND WITHOUT VALVE



- With the previous Fisio model, the designers wanted to minimize the volume as much as possible: the unique design of the new Panda masks allows to reduce up to 35% of space compared to the previous one, one more step in lowering the unused space.
- The reduction of the space mask allows a more effective assumption of the medicine, reducing times and dispersion of the therapy.
- The soft material, and the ergonomic shape ensure a perfect grip to the patient's face and an excellent comfort, allowing a correct inhaling technique.
- The new safety exhaling valve guarantees a complete exhalation of CO_2.

Max volumes Panda vs Fisio



- Latex-free, DHEP-free, BPA-free.
- Easy and safe to use
- Single patient
- Low internal volume

Code	Description	Size	Items per Box
KM-1035	Panda Mask with valve	Pediatric	50
KM-1036	Panda Mask with valve	Infant	50
KM-1033	Panda Mask without valve	Pediatric	50
KM-1034	Panda Mask without valve	Infant	50

FISIO MASK WITH VALVE



- Latex-free, DHEP-free, BPA-free.
- Easy and safe to use
- Single Patient

The importance of the interface

The Fisiojet masks have been especially designed in order to perform a correct aerosol therapy and to increase the patient compliance because of the following reasons:

- They are made of soft, comfortable material with reinforced edges in order to adapt perfectly to the patient's face.
- They are closed, i.e., without holes, unlike most conventional masks, which cause a great deal of drug leakage during inhalation and cause the drug to end up in the patient's eyes.
- They have a built-in expiratory valve that allows exhaled air to escape.
- They are pleasantly scented.
- They have a fun and friendly design that can be played with (in pediatric versions).

Code	Description	Size	Items per box
KM-1025	Fisio mask with valve	Infant	50
KM-1024	Fisio mask with valve	Pediatric	50
KM-1023	Fisio mask with valve	Adult	50

KitPipeP



Now with new ECO manometer



A complete range of kits and accessories, **offers a solution to every need both in the hospital or in the homecare**, adapting to the therapeutic needs. Standard cleaning, disinfecting and sterilizing methods prevent infections

The constant use of the resistors, recommended to the health careworker

- **Helps** to remove secretions,
- **Helps** to balance the breathing volumes,
- **Allows** an effective training for the breathing muscles.

KitPipeP

The PipeP Kit, made of polycarbonate, has 9 different strengths with different intensities that are color coded for an easier identification. The two unidirectional silicone valves, located inside the valve body, control inspiratory and expiratory flow, avoiding pressure alterations during use. An arrow on the valve body shows the flow's direction during the breathing act.





The valve's mouthpiece **allows a direct use, or it can be connected with masks of different sizes** (with a 22mm or 15mm internal diameter connector). The tracheostomy cannula with an external 15 mm diameter can be directly mounted.

All homecare models (KM-803HC,HCN,HCP,HCA) now have the new ECO manometer included, for PEP control from 0 to 20 cmH_2O

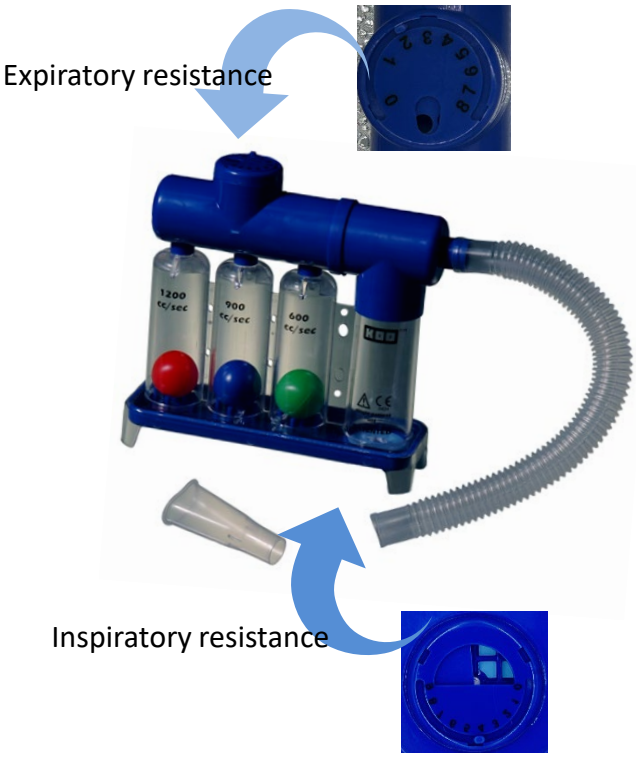




KM- 803D	KM-803W	KM-803Y	KM-803B	KM-803G	KM-803O	KM-803R	KM-803C	KM-803P
1,5 mm	2,0 mm	2,5 mm	3,0 mm	3,5 mm	4,0 mm	4,5 mm	5,0 mm	6,0 mm
Black	White	Yellow	Blue	Green	Orange	Pink	Red	Purple

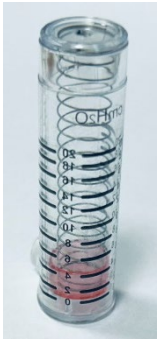
Code	Description	Items per box
KM-803	Kit composition: valve, 9 resistors and “T” connector with tube for the connection with the manometer (not included)	1 kit
KM-803HC	Kit composition: valve, 9 resistors and “T” connector with tube for the connection with ECO manometer, **mouthpiece** and carrying bag	1 kit
KM-803HCI	Kit composition: valve, 9 resistors and “T” connector with tube for the connection with ECO manometer, **infant** silicone mask and carrying bag	1 kit
KM.803HCO	Kit composition: valve, 9 resistors and “T” connector with tube for the connection with ECO manometer, **infant** silicone mask and carrying bag	1 kit
KM-803HCN	Kit composition: valve, 9 resistors and “T” connector with tube for the connection with ECO manometer, **infant** silicone mask and carrying bag	1 kit
KM-803HCP	Kit composition: valve, 9 resistors and “T” connector with tube for the connection with ECO manometer, **pediatric** silicone mask and carrying bag	1 Kit
KM-803HCA	Kit composition: valve, 9 resistors and “T” connector with tube for the connection with ECO manometer, **adult** silicone mask and carrying bag	1 kit
KM-803HCL	Kit composition: valve, 9 resistors and “T” connector with tube for the connection with ECO manometer, **adult extra large** silicone mask and carrying bag	1 kit
KM-1034	PVC Panda Mask, **infant** size 0 – 3 years	50 PCS
KM-1033	PVC Panda Mask, **pediatric** size 3 - 6 years	50 PCS
KM-8045	Silicone mask **newborn 0** size	100 PCS
KM-8044	Silicone mask **newborn 1** size	100 PCS
KM-8043	Silicone mask **infant** size	100 PCS
KM-8042	Silicone mask **pediatric** size	100 PCS
KM-8041	Silicone mask **adult** size	100 PCS
KM-8040	Silicone mask **extra -large** size	100 PCS
KM-803D	Resistor set 1,5 mm diameter, black	10 PCS
KM-803W	Resistor set 2,0 mm diameter, white	10 PCS
KM-803Y	Resistor set 2,5 mm diameter, yellow	10 PCS
KM-803B	Resistor set 3,0 mm diameter, blue	10 PCS
KM-803G	Resistor set 3,5 mm diameter, green	10 PCS
KM-803O	Resistor set 4,0 mm diameter, orange	10 PCS
KM-803M	Resistor set 4,5 mm diameter, pink	10 PCS
KM-803C	Resistor set 5,0 mm diameter, red	10 PCS
KM-803P	Resistor set 6,0 mm diameter, purple	10 PCS
KM-803K	Mixed resistors set, from 1,5 mm to 6,0 mm diameter	9 PCS
KM-8032	“T” connector with 50 cm tube with manometer ECO	50 PCS
KM-8035	“T” connector with 50 cm tube	50 PCS
57301537	Scaled manometer – 50 +50 cmH_2O	1 PC
57303499	Scaled manometer – 30 +30 cmH_2O	1 PC

TRI GYM
RESPIRATORY FLOW INCENTIVE IN/OUT WITH PROGRESSIVE RESISTORS



Features and Benefits

- Respiratory exerciser for inspiratory and expiratory therapy.
- The device is equipped with 3 graduated cylinders which indicate approximate flow: green 600, blue 900, red 1200 cc.
- Different colored spheres inside the cylinders indicate the approximate amount of flow passing through the device.
- Equipped with 2 adjustable valves which control the inspiration and expiration resistance independently. Can be used for incentive spirometry or respiratory muscle exercise.
- Also available with manometer from 0 to 20 cmH_2O



Manometer 0 to 20 cmH_2O

Code	Description	Items per box
KM-805	Tri-gym	24
KM-805C	Tri-gym with manometer	24

FLO GYM
RESPIRATORY FLOW INCENTIVE IN/OUT WITH PROGRESSIVE RESISTORS





Features and Benefits

- Respiratory exerciser system for inspiratory and expiratory breathing exercises.
- The device consists of 3 graduated cylinders which indicate approximate flow rate, green 600, blue 900, red 1200 cc.
- Different colored spheres in the cylinders indicate the approximate flow passing through the device.
- Equipped with 2 adjustable valves controllling the inspiration and expiration resistance independently. Can be used for incentive spirometry or respiratory muscle exercise.
- Disassemblable for easy cleaning.
- Connection port for pressure control manometer.

Code	Description	Item per box
KM-802	Flo Gym	1

Aerosol Fisiojet Kit

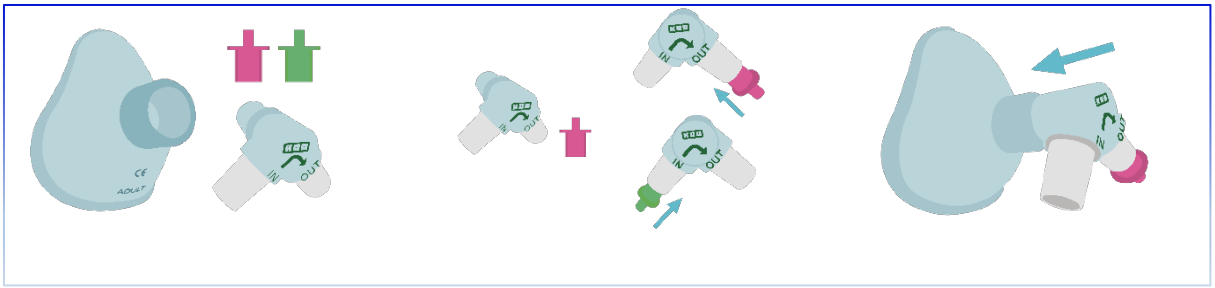


- High efficiency nebulizer with inspiratory and expiratory valves
- Optimizes the inhalation therapy, ensures maximum medication absorption during inspiration and minimum medication loss during expiration.
- Minimum flow 3,0 l/min, maximum flow 6,0 l/m
- Minimum cap. 2 ml maximum cap. 8 ml
- In polycarbonate
- DEHP free
- Latex free

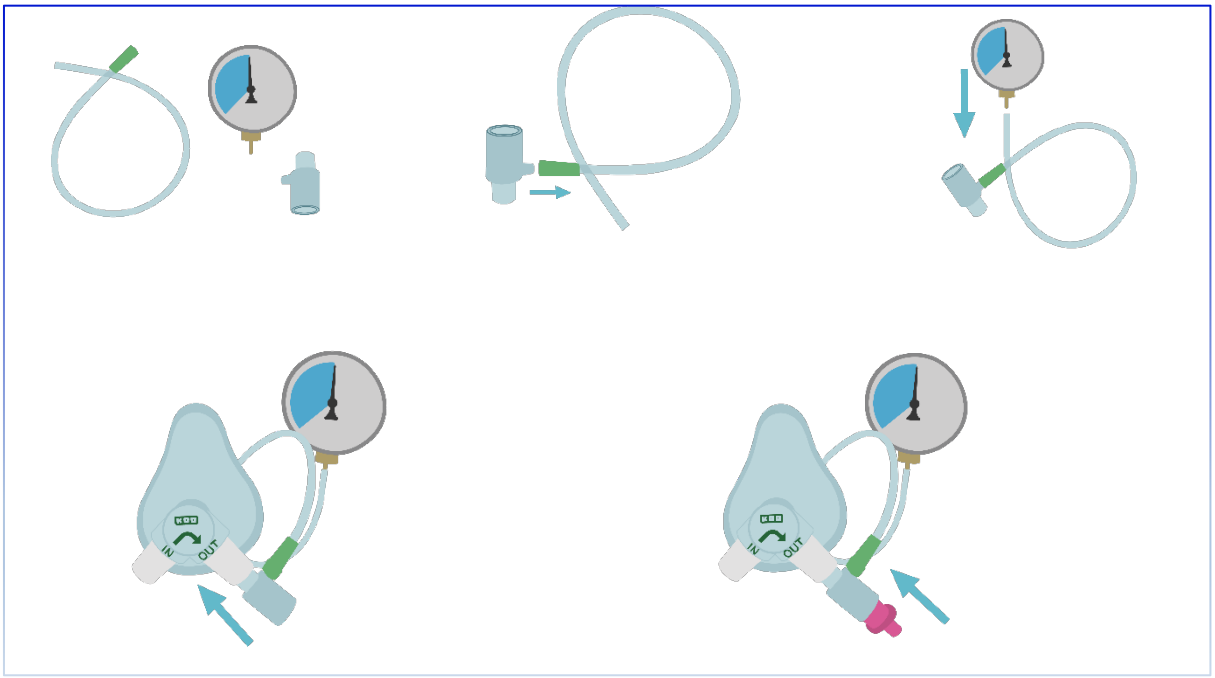
Code	Description	Items per box
KM-1002	Nebulizer with 90° connector, mouthpiece, nose piece and 120 cm connecting tube	1
KM-1003	Nebulizer with 90° connector, mouthpiece, nose piece, Fisiojet pediatric and infant mask and 120 cm connecting tube	1
KM-1004	Nebulizer with 90° connector, mouthpiece, nose piece, Fisiojet Adult mask and 120 cm connecting tube	1

Assembly instructions

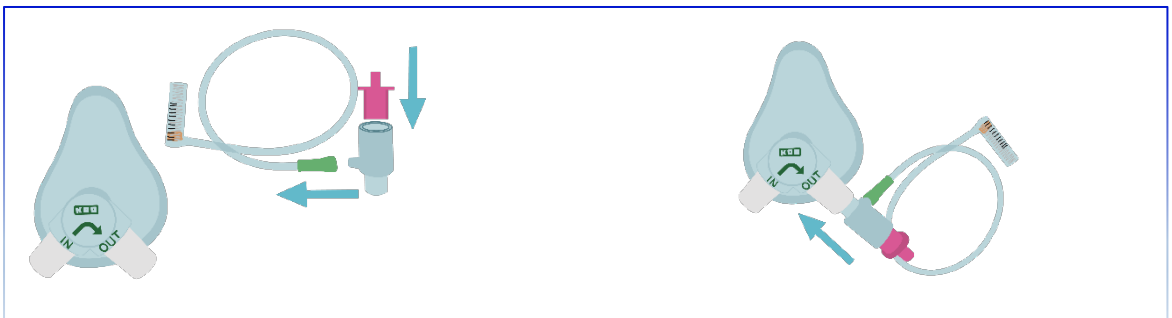
Kit assembly



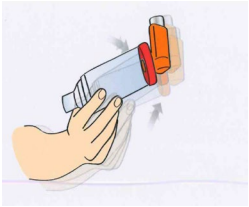
Kit assembly with standard manometer



Kit assembly with ECO manometer



HOW TO USE THE SPACER CORRECTLY

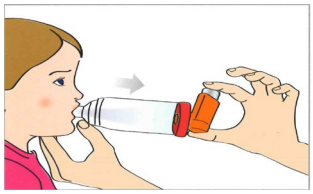


Insert the MDI into the spacer and shake 2/3 times

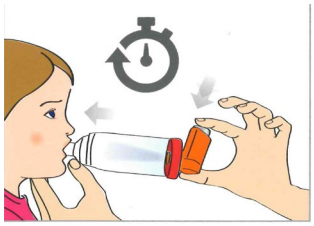
COOPERATIVE PATIENTS



Place the mouthpiece of the spacer in your mouth. Close your lips around it, taking care to keep your tongue below the mouthpiece

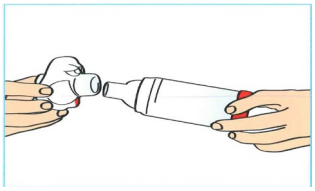


Exhale the air gently



Press the canister down once and then inhale through your mouth, normally and without effort. For the model with **FLO-COACH if the acoustic alarm is ringing**, slow down your inhalation beat. Hold your breath for a few seconds at the end of an inhalation.

NON-COOPERATING PATIENTS



Insert the recommended size mask



Place the mask on your face, keeping it snug during execution



Press the regulator and check, by moving the inspiratory valve indicated by the arrow, that 4/5 complete breaths are performed

If necessary, administer more than one puff, wait a minute before repeating the procedure
If you use drugs containing steroids, always rinse your mouth with water after administration

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