Introduction:

The KOMESAROFF veterinary anaesthetic machines offer you a complete range of equipment for anaesthesia of animals from 1 kg up to 100 kg: In-Circuit and Out-of-Circuit models.

The KOMESAROFF machines offer a range of advantages:

* Vastage and pollution are virtually eliminated with the In-Circuit models.
* All machines are supplied with the Easy-Fill system which secures that filling the vaporizer bowls can take place without vaporization of dangerous anaesthetic agents into the environment.
* Expensive volatile agents (e.g., Isofluurane) can be used at a cost comparable to that of Halothane in high flow systems.
* Universal vaporizers enable the operator to use either more expensive agents such as Isoflurane for critical care patients, or less costly Halothane for routine anaesthetic procedures.
* All machines have a direct oxygen by-pass valve.
* Preserves heat and moisture in circuit for optimal patient comfort.
* Cost efficient - low purchase price and low consumption of gas and anaesthetic agents.
* Little maintenance - can be done by the operator him-/herself.

The range of KOMESAROFF machines:

All KOMESAROFF machines have been double checked before leaving the factory and they are as standard supplied with the following outfit:

- 2 F-hose coaxial circle breathing tubes complete with 2 l breathing bag
- 1 breathing bag
- 1 Washington T assembly, complete with breathing bag
- 1 circular carbon dioxide absorber
- 1 pack of soda lime, 1 kg.
- 1 spare glass bowl (only VIC machines)
- 1 spare bar (only VIC machines)
- 1 set of spare gaskets (only VIC machines)
- 1 detailed instruction manual
KOMESAROFF Mark-5
The well-known KOMESAROFF machine with two vaporizers in-circuit. This model is an excellent portable machine - oxygen supply can take place from a 2.5 kg bottle mounted directly on the machine as the KDK autovalve contains a pressure reduction valve.

Model with one vaporiser................. 271506 Unit
Model with two vaporisers.............. 271529 Unit

Mobile unit on 4 wheels
With drawer for storage of tubes and connectors..................... 271540 Unit

KOMESAROFF Mini-Kom with vaporizer(s) in-circuit
As standard the Mini-Kom machine is delivered with a mobile stand with 5 casters. Furthermore, the standard outfit includes a breathing monitor MK-3 with both light and sound signal. Please note that the Mini-Kom must be supplied with oxygen with reduced pressure (3-5 bar) as the KDK Flowmeter does not contain a pressure reduction valve.

With Breathing Monitor MK-3.
Model with one vaporiser................. 271505 Unit
Model with two vaporisers.............. 271527 Unit
KOMESAROFF Mini-Kom with two vaporizer(s) in-circuit for wall-mounting
Where mobility of the machine is not required the space saving wall-mounted model is a good solution. Model with one vaporiser

We are pleased to present a new range of Komesaroff VOC (Vaporiser-out of Circuit) machines for small animal anaesthesia, trolley model

Features:
- RotaFlush™ Flowmeter - provides an accurate oxygen flow between 0-4 l/min to enable economical use of Isoflurane, etc.
- Emergency Oxygen Bypass valve
- Circular Carbon Dioxide Absorber
- Breathing Monitor MK-3
- Washington Assembly
- Coaxial breathing tube with 2 liter breathing bag
- Mat, stainless steel frame (powder coated or high polished frames are optional)
- Trolley or Wall Mounted Assemblies.

NOTE: Vaporiser is NOT included.

Komesaroff anaesthetic machine VOC with RotaFlush flowmeter. Without evaporator. Wall fitting

We can supply totally renovated vaporisers with calibration certificate:
- Halothane .................. 271460
- Isoflurane .................. 271461

Cat. no | Pack. size
--- | ---
271528 | Unit
271440 | Unit
271440 | Unit
271440 | Unit
271440 | Unit
271445 | Unit
271528 | Unit
271440 | Unit
271440 | Unit
271440 | Unit
271445 | Unit
KRUTECH Anesthesia Machine Multiplus M
An anesthetic machine of the highest quality. Two gas double flow-meter system with O₂ and N₂O options. Single CO₂ absorber system complete with pop-off valve and manometer. New complete temperature compensated SHEI seflurane vapouriser. Can be used as a “portable” solution. Can be fitted with the ventilator Vent-V (extra equipment) for extended control during anesthesia.

KRUTECH Mobile Stand for Anesthesia Machine

KRUTECH Anesthetic Ventilator

Breathing Monitor MK-3
Continuously detects breathing during anaesthesia. Audible beep and green light with each breath. Alarm sounds if breathing is absent.

Spare sensor

NONIN 9847v
Pulse oximeter with CO₂ detector and alarm system. It includes:
- Oxygen satur %SP O₂ monitor
- Carbon Dioxide Detector
- Veterinary specific hardware and software
- Respiration indicator during surgery for intubated patients
- Aid for intubation
- Pulse rate monitor

Nonin printer for pulse oximeter model 8500P

Paper rolls for Nonin printer
290065, 20 rolls
KRUUSE Anaesthetic Filter
For absorption of organic anaesthetic vapours.
The filter is designed to absorb 200 g of anaesthetic agent equivalent to approximately 20 hours of absorption depending on gas flow and volatile agent concentration.

An efficient solution for absorption of potentially toxic anaesthetic vapours.

Complete absorption kit consisting of anaesthetic filter
2 meters of 22 mm scavenge tube and green connector.......................... 271559 Unit
Spare filter......................................... 271558 Unit
Green spare connector............................. 271561 Unit
Scavenge tube (per meter)....................... 271579 Unit

Silicone Tubes with Cuff for Small Animals, Connector Included
High quality silicone tubes at an affordable price. Soft and flexible. Causes a minimum of discomfort to the animal. Fully transparent. Connector included. Can be used over and over again. Sterilisable at max. 115º C for a maximum of 20 minutes.
3 mm.............................................. 271580 Unit
4 mm.............................................. 271556 Unit
5 mm.............................................. 271581 Unit
6 mm.............................................. 271562 Unit
7 mm.............................................. 271564 Unit
8 mm.............................................. 271568 Unit
9 mm.............................................. 271572 Unit
10 mm............................................ 271582 Unit
11 mm............................................ 271583 Unit
12 mm............................................ 271584 Unit
14 mm............................................ 271589 Unit

Main spare parts and consumables:
Circular carbon dioxide absorber ........................................... 271532 Unit
“F” hose coaxial breathing tube With re-breathing bag ....................... 271543 Unit
Set of gaskets for glass bowls ............................................. 271538 Unit
Gasket for oxygen bottle connection................................. 271533 Unit
Glass bowl marked Isoflurane ........................................... 271513 Unit
Glass bowl marked Halothane ........................................... 271536 Unit
KDK Autovalve for Mark-5 ............................................. 271578 Unit
KDK Flowmeter for Mini-Kom ........................................... 271554 Unit
Soda lime 4.5 kg........................................ 271650 Unit
Oxygen bottle for Mark-5 2.5 kg with oxygen.......................... 271547 Unit
Oxygen bottle for Mark-5 2.5 kg without oxygen...................... 271549 Unit
Sensor for Breathing monitor MK-3 .................................. 271571 Unit
Sensor for ApAlert respiratory monitor ............................... 271519 Unit
Swivel connector for ApAlert respiratory monitor ................... 271910 Unit
LANA – The new combined anaesthetic machine for LARGE and SMALL animals

The circular absorber holds approx. 400 g of soda lime. The F-hose circuit (hose-in-hose) is supplied with a 2 liter respiratory bag.

The LANA breathing monitor is fitted as standard. A beep tone is activated during breathing by a positive pressure down to approx. 1-1.5 cm H₂O. On-Off switch.

Please note that the vaporizer is OPTIONAL. All standard vaporizers can be incorporated in the LANA machine.

We can supply totally renovated vaporisors with calibrator certificate

Halothane ..............................................
Isoflurane ..............................................

Anaesthetic accessories:
KRUSE high quality endotracheal tubes can be sterilized by autoclaving providing that temperature does not exceed 134°C or they can be sterilized by using ethylene oxide. Dry heat sterilization should NOT be used. Clear instructions delivered with each tube.

MAGILL endotracheal tubes with balloon

3.0 mm .............................................. 272020 Unit
3.5 mm .............................................. 272021 Unit
4.0 mm .............................................. 272022 Unit
4.5 mm .............................................. 272023 Unit
5.0 mm .............................................. 272024 Unit
5.5 mm .............................................. 272025 Unit
6.0 mm .............................................. 272026 Unit
6.5 mm .............................................. 272027 Unit
7.0 mm .............................................. 272028 Unit
7.5 mm .............................................. 272029 Unit
8.0 mm .............................................. 272030 Unit
8.5 mm .............................................. 272031 Unit
9.0 mm .............................................. 272032 Unit
9.5 mm .............................................. 272033 Unit
10.0 mm ............................................. 272034 Unit
11.0 mm ............................................. 272035 Unit
12 mm x 48 cm .................................... 272040 Unit
13 mm x 48 cm .................................... 272041 Unit
14 mm x 48 cm .................................... 272042 Unit
16 mm x 48 cm .................................... 272043 Unit

Large animal endotracheal tubes

18 mm x 97 cm ...................................... 272044 Unit
20 mm x 112 cm ...................................... 272045 Unit
25 mm x 117 cm ...................................... 272046 Unit
30 mm x 117 cm ...................................... 272047 Unit
35 mm x 117 cm ...................................... 272048 Unit
40 mm x 122 cm ...................................... 272049 Unit

Metal rack for wall mounting ............. 271705 Unit
## Anaesthetic Equipment

### Endotracheal tubes without balloon

<table>
<thead>
<tr>
<th>Size (mm)</th>
<th>Cat. No.</th>
</tr>
</thead>
<tbody>
<tr>
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<td>272011</td>
</tr>
<tr>
<td>3.0</td>
<td>272012</td>
</tr>
<tr>
<td>3.5</td>
<td>272013</td>
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<tr>
<td>4.0</td>
<td>272014</td>
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<td>4.5</td>
<td>272015</td>
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<td>5.0</td>
<td>272016</td>
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### Plastic connectors for endotracheal tubes

<table>
<thead>
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<th>Cat. No.</th>
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<tbody>
<tr>
<td>3.0</td>
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</tr>
<tr>
<td>3.5</td>
<td>271920</td>
</tr>
<tr>
<td>4.0</td>
<td>271925</td>
</tr>
<tr>
<td>4.5</td>
<td>271930</td>
</tr>
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<td>271935</td>
</tr>
<tr>
<td>5.5</td>
<td>271940</td>
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<td>271965</td>
</tr>
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<td>9.0</td>
<td>271970</td>
</tr>
<tr>
<td>9.5</td>
<td>271975</td>
</tr>
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<td>10.0</td>
<td>271980</td>
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<tr>
<td>10.5</td>
<td>271985</td>
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### Metal connectors for endotracheal tubes

<table>
<thead>
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<th>Size (mm)</th>
<th>Cat. No.</th>
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<tbody>
<tr>
<td>12.0</td>
<td>271990</td>
</tr>
<tr>
<td>13.0</td>
<td>271995</td>
</tr>
<tr>
<td>14.0</td>
<td>271996</td>
</tr>
<tr>
<td>16.0</td>
<td>271997</td>
</tr>
</tbody>
</table>

### Plastic connector set for endotracheal tubes

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Pack. Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>271905</td>
<td>Unit</td>
</tr>
</tbody>
</table>

### Swivel connector

The set consists of one adaptor, one swivel connector and 19 connectors in the following sizes:

- 2.5 mm
- 3.0 mm
- 3.5 mm
- 4.0 mm
- 4.5 mm
- 5.0 mm
- 5.5 mm
- 6.0 mm
- 6.5 mm
- 7.0 mm
- 7.5 mm
- 8.0 mm
- 8.5 mm
- 9.0 mm
- 9.5 mm
- 10.0 mm
- 10.5 mm
- 11.0 mm
- 15.0 mm

### Re-breathing bags

Black antistatic rubber.

#### For small animals

<table>
<thead>
<tr>
<th>Size (l)</th>
<th>Cat. No.</th>
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<tbody>
<tr>
<td>0.5</td>
<td>271600</td>
</tr>
<tr>
<td>1.0</td>
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<tr>
<td>1.5</td>
<td>271620</td>
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<tr>
<td>2.0</td>
<td>271630</td>
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<tr>
<td>3.0</td>
<td>271640</td>
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<tr>
<td>4.0</td>
<td>271645</td>
</tr>
<tr>
<td>5.0</td>
<td>271646</td>
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</table>

#### For large animals

<table>
<thead>
<tr>
<th>Size (l)</th>
<th>Cat. No.</th>
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</thead>
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<tr>
<td>15.0</td>
<td>271647</td>
</tr>
<tr>
<td>30.0</td>
<td>271648</td>
</tr>
</tbody>
</table>
**Face masks without neck strap**
Clear plastic with 15 mm male connector and rubber diaphragm

<table>
<thead>
<tr>
<th>Cat. no</th>
<th>Pack. size</th>
</tr>
</thead>
<tbody>
<tr>
<td>271672</td>
<td>Unit</td>
</tr>
<tr>
<td>271673</td>
<td>Unit</td>
</tr>
</tbody>
</table>

**Face mask with neck strap**
Face masks made of clear plastic, with rubber diaphragm. Supplied with elastic neck strap for better fixation of the mask.

<table>
<thead>
<tr>
<th>Size</th>
<th>Cat. no</th>
</tr>
</thead>
<tbody>
<tr>
<td>XX-small</td>
<td>271431</td>
</tr>
<tr>
<td>X-small</td>
<td>271432</td>
</tr>
<tr>
<td>Medium</td>
<td>271434</td>
</tr>
<tr>
<td>Large</td>
<td>271435</td>
</tr>
<tr>
<td>X-large</td>
<td>271436</td>
</tr>
</tbody>
</table>

**BUSTER diagnostic set**
With battery handle. The kit is delivered in a handy pack with three different tips. Facilitates the introduction of tubes.

<table>
<thead>
<tr>
<th>Cat. no</th>
<th>Pack. size</th>
</tr>
</thead>
<tbody>
<tr>
<td>270500</td>
<td>Unit</td>
</tr>
</tbody>
</table>

**Special brushes**

<table>
<thead>
<tr>
<th>Size</th>
<th>Cat. no</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 mm x 25 cm</td>
<td>271706</td>
</tr>
<tr>
<td>8 mm x 32 cm</td>
<td>271707</td>
</tr>
<tr>
<td>10 mm x 42 cm</td>
<td>271708</td>
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</tbody>
</table>