

# JOYCE

## *Nasal Mask with Unique Modular System*

JOYCE is suitable for every sleep apnea and ventilation patient. The mask can be individually assembled and therefore provides a perfect fit. Its special modular system allows nearly all parts to be used for all masks in the JOYCE family. The all-around movable ball-and-socket joint on the small and lightweight mask contributes to the mask's wearing comfort. The very quiet JOYCE exhalation system is designed in such a way that neither the patient nor his sleeping partner is disturbed by the flow of exhaled air.



JOYCE GEL



JOYCE GEL NV



Ball-and-socket joint

### **JOYCE's modular system**

What's special about JOYCE is its unique modular system concept. It guarantees a perfect fit since nearly all components are interchangeable whether they're made of silicone or gel. Mask body, mask cushion and headgear can be assembled in just a few steps.

### **All parts also available separately**

JOYCE's mask body comes in sizes S to XL. The body is suitable for use with the soft mask cushion of silicone, the firmer cushion of silicone for higher pressures (for example, in ventilation) and the cushion of gel. The forehead cushion is optionally available in silicone or gel. The elbow piece, which comes in a vented or non-vented variation, is as easy to attach to the mask body as all the other components.

All parts are available separately. Patients can alternate using parts of silicone and gel.



JOYCE NV  
JOYCE NV 40 hPa

JOYCE  
JOYCE 40 hPa



JOYCE GEL NV

JOYCE GEL



## JOYCE

**JOYCE, JOYCE 40 hPa, JOYCE NV, JOYCE NV 40 hPa**

### Nasal mask

- proven ball-and-socket joint
- two mask cushion are available:
  - low and medium therapy pressure up to 30 hPa
  - high therapy pressure up to 40 hPa
- optionally available with integrated exhalation system
- four standard models in four sizes (S, M, L and XL) packed ready for use
- press mask cushion into place with the palm of your hand
- especially small shape
- very quiet
- anatomical shape, skin-friendly mask cushion
- breathable headgear with practical clips
- adjustable forehead support, wide forehead cushion
- plug for pressure measurement port

### Easy-care

The mask can be taken apart for easy cleaning in the dishwasher.

### Non-vented variant

- non-vented masks are used in non-invasive ventilation.
- no exhalation system
- elbow dyed blue for easy identification

## JOYCE GEL

**JOYCE GEL, JOYCE GEL NV**

### Nasal gel mask

#### Safe and pleasant

- gel mask with ball-and-socket joint
- very good fit
- pleasant and comfortable feel, very lightweight
- mask cushion and forehead cushion of gel
- gel filling is covered with skin-friendly silicone
- especially hygienic single-layer mask cushion
- familiar JOYCE modular system – almost all parts of the JOYCE family can be combined with each other
- simple mask adjustment without pressure points
- interlaced structure protects from leakage
- extremely quiet
- modified forehead cushion, with fine adjustment for all gel masks for JOYCE SilkGel with Weinmann SilkTec coating

#### Non-vented variant

- non-vented masks are used in non-invasive ventilation.
- no exhalation system
- elbow dyed blue for easy identification

## Accessories



HEADstrap



JOYCEstrap

Silentflow 2



### HEADstrap

Our four-point headgear HEADstrap is right for every head size and is easy to use. You simply thread the straps through the slits and adjust to any size, fitting the straps easily and quickly across the back of the patient's head.

Unlike other headgear, HEADstrap will not apply pressure to the patient's neck or slip out of place. HEADstrap is suitable for use with all Weinmann masks except NP15. It is available in two variants: with clips for the JOYCE family masks and with EasyClip for SOMNOmask/SOMNOplus.

### JOYCEstrap

The proper fit of a mask depends on the mask's composition and the headgear. If the headgear is inflexible, the mask can press tightly on the face. If it is made of low-quality material that wears out, the mask can slip out of place. If it is difficult to put on, the patient could lose the motivation that is so crucial to successful therapy.

You will never have such problems with JOYCEstrap. Our headgear is made of high-quality breathable materials that make it skin-friendly, elastic and robust for a long-lasting fit and easy care. JOYCEstrap and its four quick-close clips can be cleaned in the washing machine.

### Silentflow 2

Exhalation systems attached to the mask body often cause loud and annoying noise. In contrast, the clever design of our exhalation system Silentflow 2 ensures undisturbed sleep for the patient. The exhaled air quietly escapes through the gap and flows along the hose. The cover over the exhalation gap keeps the air from streaming directly toward the patient's body and prevents disruptive drafts. Silentflow 2 can be used in combination with all non-vented nasal masks.

#### Compliance

In medical terms "compliance" means the patient's willingness to follow the doctor's orders for long-term treatment. The word "adherence" is also used to describe the patient's actions – either taking medicine or following a prescribed regimen or treatment – even when the patient himself does not believe in the effectiveness of the therapy or considers it unpleasant or fails to see immediate improvement. Masks are an essential part of successful treatment. If a mask doesn't fit, the degree of patient compliance declines and the overall success of treatment is threatened.



**Product description**

**WM order number**

<b>1 JOYCE</b> Sizes S / M / L / XL	26110 / 26120 / 26130 / 26140
<b>JOYCE 40 hPa</b> Sizes S / M / L / XL	26111 / 26121 / 26131 / 26141
<b>2 JOYCE NV</b> Sizes S / M / L / XL	26160 / 26170 / 26180 / 26190
<b>JOYCE NV 40 hPa</b> Sizes S / M / L / XL	26161 / 26171 / 26181 / 26191
<b>3 JOYCE GEL</b> Sizes S / M / L	26112 / 26122 / 26132
<b>4 JOYCE GEL NV</b> Sizes S / M / L	26162 / 26172 / 26182

**Technical data JOYCE**



<b>Product class as per directive 93/42/EEC:</b> II a		
<b>Dimensions (w x h x d):</b>	about 80 x 130 x 90 mm (depending on size and model)	
<b>Weight:</b>	approx. 85 grams (depending on size and model)	
<b>Therapy pressure range</b>		
■ Mask cushion soft:	4 to 30 hPa	
■ Mask cushion hard:	4 to 40 hPa	
■ Mask cushion GEL:	4 to 40 hPa	
<b>Hose connection</b>	Cone as per DIN EN ISO 5356-1	
■ JOYCE, vented:	Ø 22 mm (male)	
■ JOYCE, non-vented:	Ø 22 mm (female)	
<b>Pressure measurement port:</b>	Ø 4 mm	
<b>Width of headgear clips:</b>	max. 20 mm	
<b>Temperature range</b>		
■ Operation:	+5 °C to +40 °C	
■ Storage:	-20 °C to +70 °C	
<b>Flow resistance</b>		
■ JOYCE, vented:	at 50 l/min	0.02 hPa
	at 100 l/min	0.11 hPa
■ JOYCE, non-vented:	at 50 l/min	0.09 hPa
	at 100 l/min	0.37 hPa
<b>Quoted two-figure noise emission value to ISO 4871:</b>		
■ Sound pressure level	15 dB(A)	
■ Sound power level	23 dB(A)	
(uncertainty factor: 3 dB(A))		
<b>Service life:</b>	up to 12 months	
<b>Materials</b> (all parts of the nasal mask are latex-free)		
■ Mask cushion:	silicone (LSR)	
■ Mask cushion GEL:	silicone, silicone gel	
■ Forehead cushion:	TPE, polypropylene	
■ Forehead cushion GEL:	silicone, silicone gel, polycarbonate	
■ Mask body:	polycarbonate (PC)	
■ Forehead support:	polypropylene (PP)	
■ Plug:	silicone (LSR)	
■ Rotating sleeve:	polypropylene (PP)	
■ Retaining ring:	TPE, polypropylene	
■ Elbow:	polycarbonate (PC)	
■ Headgear clips:	POM	
■ Headgear:	nylon/spandex, polyurethane, polyester/Lycra	

**Replacement parts**

**WM order number**

<b>Ball-and-socket joint set:</b> (retaining ring, elbow, rotating sleeve) for vented	26206	
for non-vented	26207	
<b>Rotating sleeve</b> Vented:	26254	
<b>Forehead support</b> Forehead cushion, coarse adjustment for forehead support, fine adjustment for forehead support	26201	
<b>GEL forehead support</b> GEL forehead cushion, Forehead support coarse adjustment, Forehead support fine adjustment:	26115	
<b>Forehead cushion</b> Forehead cushion	26200	
GEL Forehead cushion	26209	
<b>Mask cushion</b> Type/Size		
<b>30 hPa</b> Sizes S/M/L/XL:	26210 / 26220 / 26230 / 26240	
<b>40 hPa</b> Sizes S/M/L/XL:	26211 / 26221 / 26231 / 26241	
<b>GEL</b> Sizes S/M/L:	26212 / 26222 / 26232	
<b>Headgear</b> HEADstrap, incl. headgear clips	26360	
<b>Headgear clips</b>	26205	
<b>Plug</b>	26208	

**User manuals**

DE, EN, FR, IT, NL, DA, NO, SV, ES, PT, TR, EL: 16950  
other user manuals at: [www.weinmann.de](http://www.weinmann.de)

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