

# CARUM

HOSPITAL-GRADE BREASTPUMP  
TO MEET THE HIGHEST DEMANDS



SWISS MADE 



# CARUM

BREASTPUMP FOR HOSPITALS AND HIRE

The professional-use Carum breastpump was designed by our in-house IBCLC-led team to meet the most stringent requirements of mothers and lactation professionals. The result is a powerful and reliable pump with unique sensitivity.



## Unique „Sensitive Programme“

With dual-piston technology, the Carum is unbeatable in the professional-use breastpump market. Powerful and comfortable, with the unique „Sensitive Programme“ for painful, inflamed nipples. Switch smoothly between stimulation and expression modes with independent adjustments at any time. Large color display with intuitive menu control and quiet operation for all pumping environments. The „Vacuum Seal“ technology guarantees high safety and hygiene. No Carum pump parts need replacing between mothers. Saves costs, makes cleaning easier and ensures safety of multiple users.

- Fully automatic expression at the touch of a button
- Suction strength (vacuum) and frequency (cycle) settings can be adjusted individually and independently from one another
- „Sensitive Programme“ in case of painful, inflamed nipples
- Uniquely gentle switching between stimulation and expression mode (the vacuum only increases by 30 mbar)
- It is possible to change between expression and stimulation mode at any time
- Pleasantly quiet during use
- Closed System

Individual  
Phases



Closed  
System



Vacuum  
Seal

Sensitive  
Programme

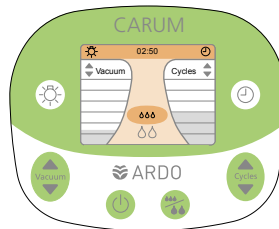


SWISS MADE 

Thanks to the different background colours, it is easy to differentiate between the stimulation and expression phases on the 3.5-inch colour screen. The vacuum and cycle settings are clearly recognisable, as they are presented using bars. At night, or in darkened rooms, the dimming function makes it possible to read the display and express in comfort.

### Particularly easy to handle and clean

- Easy to clean thanks to the smooth surface
- Large colour screen provides visual guidance
- Dimming function for comfortable expression at night
- Timing / stopwatch
- Also available with an optional mobile stand



# CARUM BATTERY

BREASTPUMP WITH RECHARGABLE BATTERY

Franziska Wicki, Lactation Consultant IBCLC, Cantonal hospital Lucerne, Switzerland, has tested the Carum Battery and states: "I find the Carum Battery particularly practical and easy to use for mothers attending outpatient clinics. The pump can also be quickly set up for immobile mothers in the postnatal department. This lightens our workload significantly."



## Lightens the workload of professionals

It is functionally identical to the existing high-quality Carum and also offers the same valuable features. A powerful integrated battery provides up to 8 hours of operation without charging. Freelance professionals can help the mother to express efficiently at home (in cases of engorgement, for instance), without the need for a mains connection. The Carum Battery therefore offers maximum power combined with excellent mobility.

### Allows location-independent expressing in the neonatal department

- Mothers can express where they can see their premature or sick child. This promotes better milk flow.
- Increased safety: it is not possible to pull out the wrong power cord

### Lightens the workload of professionals

- 8 hours of battery life without recharging (24 x 20 min.)
- Looking for a power socket becomes unnecessary, e.g. in the patient's room at night
- The battery charging time is only 4 hours
- The status of the integrated battery is shown on the screen

Individual  
Phases



Closed  
System



Vacuum  
Seal

Sensitive  
Programme



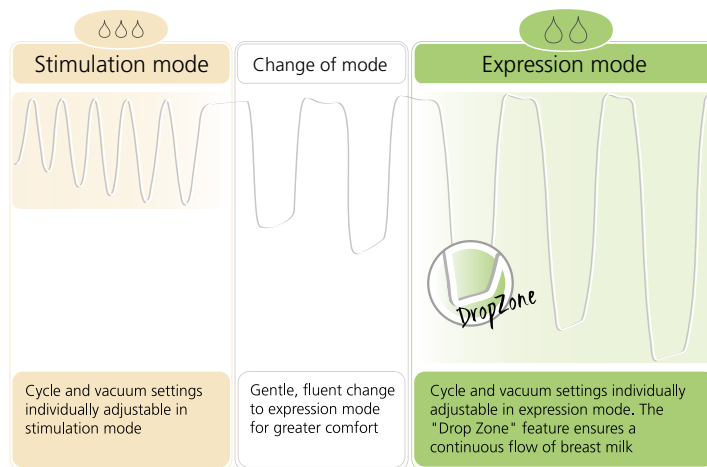
SWISS MADE 

## Individual Phases

Ardo breastpumps can be adapted to the mother's personal needs and to the baby's individual suction action at any time. The vacuum intensity and cycle settings can be individually adjusted.

### For mothers who want to decide for themselves

Mothers prefer being able to adjust the number of cycles and vacuum intensity themselves to suit their individual needs. Carum is the first breastpump to allow the cycle and vacuum intensity settings to be controlled independently from one another in both stimulation and expression mode.



### Sensitive Programme

Low starting cycle and vacuum settings for particularly gentle expression

Simply unique: the "Sensitive Programme". Low and gentle starting cycle and vacuum settings especially for sore and tender nipples.

## "Vacuum Seal" technology



High standards of hygiene and safety are achieved through "Vacuum Seal" technology

The proven "Vacuum Seal" technology serves as a 100 % barrier against bacteria and ensures that no breast milk or impurities can enter the connecting tube or pump. This provides reliable protection against contamination of the breast milk and thus prevents infection. The efficacy of the bi-directional leak-proof membrane pot was verified by an independent Swiss Laboratory in 2011.



## Technical Data

CARUM AND CARUM BATTERY

|  | Stimulation mode                                 | Expression mode   | Sensitive Programme       |
|--|--|---|---------------------------|
| <b>Vacuum<br/>(intensity of suction)</b> | 30 - 150 mbar<br>Start level 60 mbar             | 30 - 330 mbar<br>Start level 30 mbar higher<br>than in stimulation mode | Start level 30 mbar       |
| <b>Cycles<br/>(frequency of suction)</b> | 72 - 120 per minute<br>Start level 90 per minute | 30 - 60 per minute<br>Start level 45 per minute                         | Start level 30 per minute |

|   | Carum  | Carum Battery   |
|---|--|---|
| <b>Art. no.</b>                         | 63.00.71   | 63.00.75  |
| <b>Contents</b>                         | Breastpump, European mains cable,<br>protective carry case | Breastpump with battery, European<br>mains cable, protective carry case |
| <b>Battery</b>                          | –  | Built-in (lithium)  |
| <b>Measurements of pump (LxBxH)</b>     | 302 x 240 x 180 mm   | 302 x 240 x 180 mm  |
| <b>Power cable</b>                      | Length 3 m   | Length 3 m  |
| <b>Power supply voltage / frequency</b> | 100 - 230 VAC / 50 - 60 HZ                                 | 100 - 230 VAC / 50 - 60 HZ  |
| <b>Guarantee</b>                        | 3 years  | 3 years   |

### Compliance / norms

- ISO 13485: 2003
- CE (MDD 93/42/EEC)
- EMC tested  
(EN 60601-1-2)
- Ardo is WHO code  
compliant



## Practical accessories

### CONTAINER

TRANSPORT AND STORAGE OF CARUM

- Safe and hygienic
- Easy to clean
- With address field for drop shipment



### EASY FREEZE HOLDER

FOR EXPRESSING INTO BREAST MILK BAGS

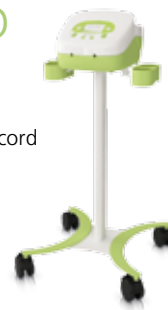
- Alternative to conventional bottle holders
- Suitable for Easy Freeze and small bottles
- Easy to clean by wiping with disinfectant



### MOBILE STAND

FOR CARUM

- Stable and versatile
- Integrated storage for power cord
- Antistatic castors



Find us on  
**Facebook** Ardo USA

groups ArdoMoms

**Instagram** @ardobreastfeeding

Follow us on  
**twitter** @ardobreastpump



Distributed in USA by:  
Comit Developers  
116 Toledo Drive  
Lafayette, LA 70506, USA  
T 844-411-ARDO (2736)  
customer-service@ardo-usa.com  
www.ardo-usa.com

Ardo medical AG  
Gewerbstrasse 19  
6314 Unterägeri  
Switzerland  
T +41 41 754 70 70  
F +41 41 754 70 71  
www.ardomedical.com

