

ardo bellis

ELECTRIC BREASTPUMP



Factsheet: Ardo Bellis / V01 / 09/2021

1. Intended use

The Ardo Bellis electric breast pump is used to express and collect breast milk from lactating women by generating a defined vacuum at the breast. It can be used for single or double pumping. The breast pump is intended for use indoors. The Ardo Bellis breast pump can be shared between users due to Ardo's closed system.

2. Features & Benefits

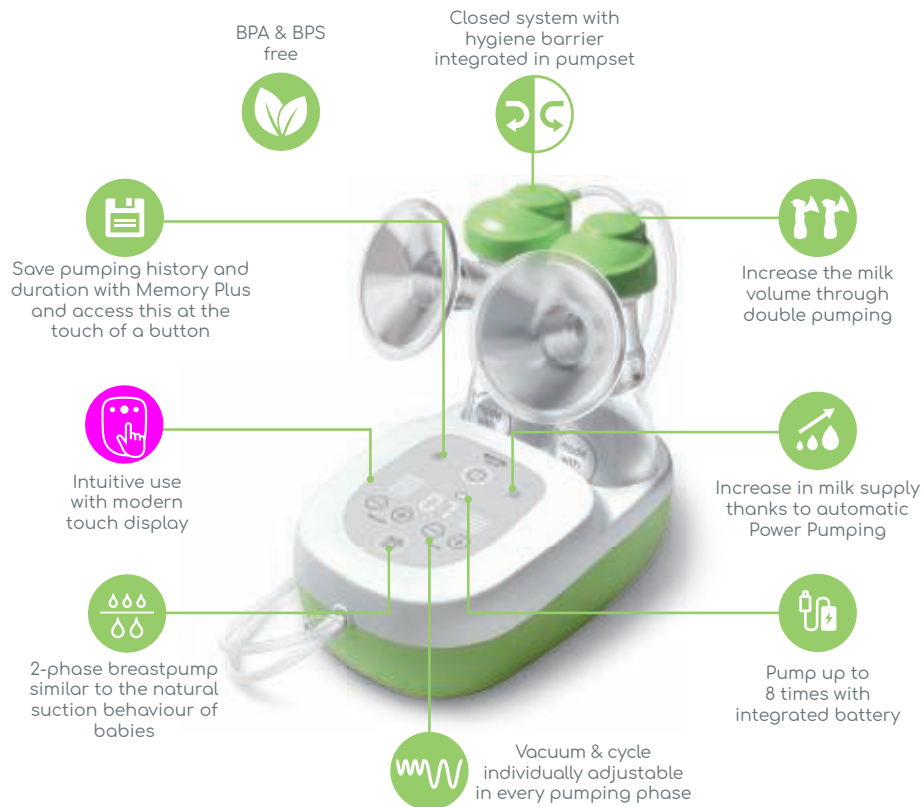
Ardo Bellis has been developed for the needs of pumping mothers and in compliance with the standards of electric medical devices. Efficient, simple to use, safe and easy to clean.



Best care
for mothers

The robust and user-friendly rental pump

The robust construction and the user-friendly operation make Ardo Bellis the ideal pump at home and on the go. The integrated holder is very practical and provides a stable hold for the milk bottles. The touch display is easy to use, very discrete in the night and well visible in daylight. Thanks to the smooth surface and the rounded edges Ardo Bellis is simple and quick to clean. Ardo Bellis has been developed in cooperation with mothers and professionals and fulfils the needs of pumping mothers.



Automatic Power Pumping

Automatic Power Pumping to increase the milk quantity

Ardo Bellis has a unique pumping function; automatic Power Pumping. This function imitates the natural breastfeeding pattern called clusterfeeding, which achieves an increase of milk production through more frequent breastfeeding¹. There are times, normally 2 or 3 hours in the evening, during which babies and small children need to be fed more often with shorter pauses. Through this sucking behaviour the prolactin (milk producing hormone) level stays high or even increases resulting in an increase of the milk quantity².

For this reason, professionals recommend Power Pumping to improve lactation or stabilise the milk production^{3,4,5}. The mother should express from both breasts⁶ once a day for an hour according to a simple expression-pause scheme^{5,7}: 20' pump - 10' pause - 10' pump - 10' pause - 10' pump.

Ardo Bellis automatic Power Pumping, is a simple predefined one-hour interval pumping program imitating the clusterfeeding of a baby to increase milk production. The duration of the pumping phases and pauses is predefined, but the mother can adjust the vacuum and cycle settings at any time to her own personal needs.



1. Katharine R. Faulkner: Modeling milk production in the lactating period and the effect of feeding frequency on milk production, The university of British Columbia (2019)
2. Arnold LDW: Human Milk in the NICU: Policy Into Practice, Jones and Barlett Publishing, 2010; 143 -144).
3. Walker M: Breastfeeding Management for the Clinician – Using the evidence. 3. Aufl. Jones and Barlett Publishing, 2017; 444 – 445
4. Europäisches Institut für Stillen und Laktation (EISL): Skriptum «Gewinnen von Muttermilch per Hand und Milchpumpe. 2018
5. Andrea Hemmelmayr IBCLC, Laktation und Stillen 4-2016 HANDOUT, "Power Pumping" Superantrieb für die Milchproduktion. www.elacta.eu
6. Prime DK et al. Simultaneous breast expression in breastfeeding women is more efficacious than sequential breast expression. *Breastfeed Med.* 2012 Dec; 7(6):442-447.
7. <https://livingwithlowmilksupply.com/power-pumping-to-increase-milk-supply> (08.2021)



Memory Plus

Memory Plus – personalised expressing at the touch of a button

A pumping session is a personal combination of suction (vacuum) and speed (cycles) levels with variable duration. Once a mother finds the settings that are most comfortable for her, and with which the milk flows best, she can save the session by pressing the Memory Plus button. This not only saves the whole pumping session history but also automatically reproduces it when starting the breastpump the next time. When Ardo Bellis is switched on it is possible at anytime to save a new session (touching Memory button until it beeps), exit Memory Plus mode (changing vacuum or cycle) and delete any saved session (touching Memory Plus button longer).



Rechargeable
battery

Rechargeable integrated battery for maximum mobility

Thanks to the integrated battery Ardo Bellis can be used at home, at work and in any place independently from the availability of an electric socket. The Ardo Bellis can also be operated when the breastpump is connected to the mains and is recharging. A fully charged battery allows to pump up to 8 times.



Individual
Phases

2-phases with individual settings

Ardo Bellis operates in two phases imitating the baby's sucking behaviour: stimulation mode and expression mode. In stimulation mode, the cycles (suction frequency) are fast while the vacuum level (suction level) is low to stimulate the let-down reflex. In expression mode, the vacuum is high and cycles are slow to allow an efficient flow of breast milk. Ardo Bellis always starts in stimulation mode with gentle settings and changes to expression mode automatically after two minutes or manually at any time. In both phases, you have the possibility to choose independently between 8 suction levels (vacuum) and 8-speed levels (cycles) for a total of 64 different setting combinations in each phase.



Closed System

Closed system for maximum protection

The silicone pot integrated in the Ardo pumpsets ensures a 100% barrier for breast milk even from pathogens. The „Closed System“ technology protects the breasts, breast milk and the breastpump from contamination and guarantees optimal hygiene, which is particularly important for rental pumps.



BPA & BPS
free

Safe and reliable

Being a medical device Ardo Bellis is certified according to the standard defined in the directive 93/42/EEC concerning medical devices. Ardo medical AG's quality management system is monitored and certified by the notified body TÜV SÜD: this can be recognised from the CE-mark with number 0123. All parts which come into contact with breast milk are BPA, BPS & phthalate free.