

# THE PROCLASS QUALITY WINS OUT



- **QUALITY**  
HIGH-CLASS  
AND DURABLE
- **DOCUMENTATION**  
DIVERSE AND SECURE
- **OPERATION**  
QUICK AND SIMPLE
- **PROGRAM**  
RELIABLE AND FLEXIBLE
- **CYCLE RUNS**  
ECONOMICAL AND EFFICIENT
- **DESIGN**  
FUNCTIONAL AND ATTRACTIVE



## Two systems

### 1. Stand-alone devices

Vacuklav® 31 B+ and  
Vacuklav® 23 B+

These units feature an integrated water storage tank and a patented air cooling system. They work with the extremely high-performance membrane pump technology which has proven its worth for decades. As a result of continued development work, the Vacuklav® 31 B+ and Vacuklav® 23 B+ represent two extremely high-performance autoclaves whose design simultaneously features the particularly economical use of resources. Both autoclaves require practically no installation work in your practice whatsoever, and can be operated independent of location. The noise suppression feature has also been improved.

- absolutely independent of location,
- only a power supply is needed
- minimum installation effort

### 2. Devices with tap water connection

Vacuklav® 30 B+ and Vacuklav® 24 B+

These autoclaves are prepared for fixed installation and are connected to a water feed and drain via the water treatment systems MELAdem® 40 or MELAdem® 47. A part of the tap water is prepared and employed to generate steam, and another part is directly employed to cool the high-performance vacuum pump. The low-maintenance water ring pumps of the Vacuklav® 30 B+ and Vacuklav® 24 B+ autoclaves permit longer service intervals and are characterized by extremely slight heat emission.

- higher performance vacuum technology
- resulting in much faster program runs
- work and time saving due to automation of the water supply

## Why a class B autoclave?

The European workgroup appointed by the EU Commission has passed the European Standard EN 13060 in the course of the harmonization of different national sterilization standards. The standard divides autoclaves into the classes B, S and N. Class B is the highest class conforming to the most stringent demands and therefore can be unrestrictedly used for the sterilization of all possible loads used in medical practices (also with hollow bodied instruments, handpieces and turbines) and for all kinds of sterilization packaging. A class B autoclave must in any case pass a Helix test with a test specimen as per EN 13060:2001. According to expert opinion, that can only be achieved with a fractionated pre-vacuum procedure. The autoclaves of the profi class conform to class B requirements and are therefore absolutely future-safe.

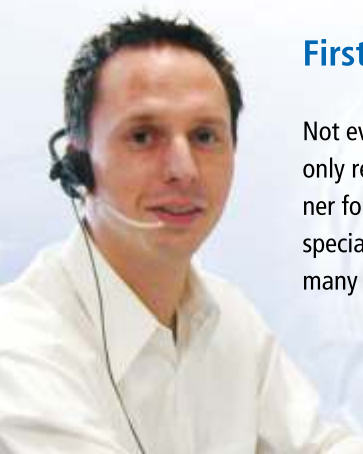


## Technical data:

	Vacuklav®30 B+	Vacuklav®31 B+	Vacuklav®24 B+	Vacuklav®23 B+
	tap water connection	stand-alone	tap water connection	stand-alone
chamber size	35 cm long x ø 25 cm dia		45 cm long x ø 25 cm dia	
chamber volume	17 Litres		22 Litres	
loading quantity	5 kg instruments 2 kg textiles	5 kg instruments 1.8 kg textiles	7 kg instruments 2.5 kg textiles	5 kg instruments 1.8 kg textiles
dimensions (w x h x d)	42.5 cm x 48.5 cm x 63 cm feet of the unit fit on 50 cm tabletop		42.5 cm x 48.5 cm x 69 cm	42.5 cm x 48.5 cm x 75 cm feet of the unit fit on 60 cm tabletop
weight	45 kg	45 kg	48 kg	50 kg
power supply	230 V; 50/60 Hz		230 V; 50/60 Hz	
power consumption	2.100 Watt		2.100 Watt	

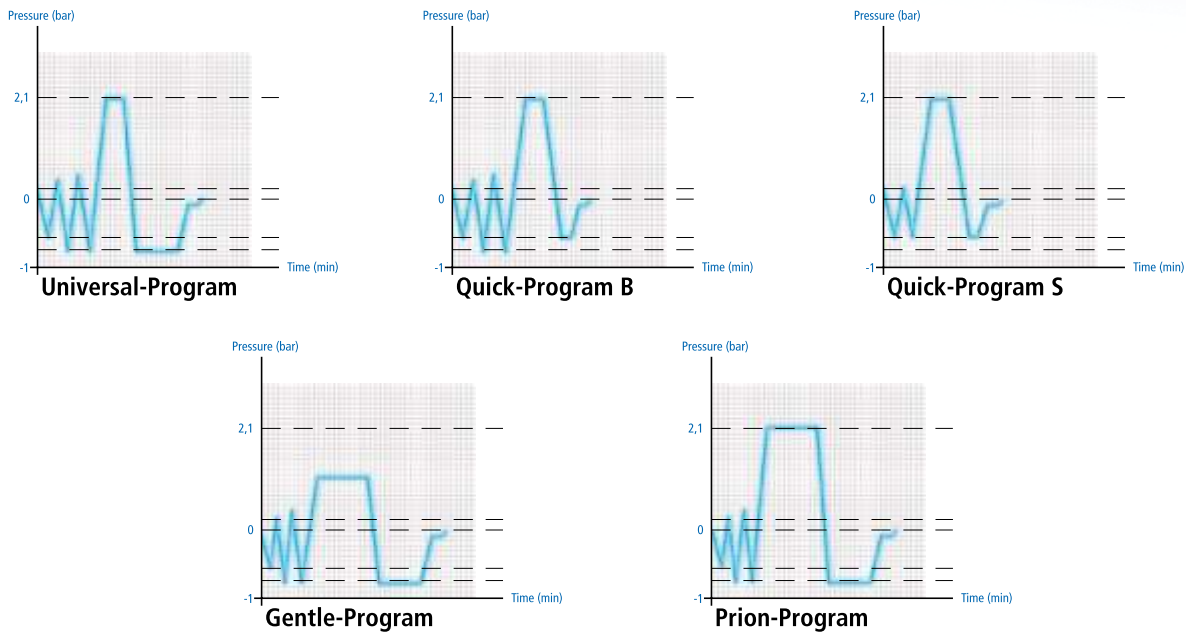
## First aid from the MELAG Service Center

Not every unexpected message on the display of the autoclave indicates a technical defect. Often the problem only reflects an operating error or insufficient supply of operating resources, such as feed water. As contact partner for such problems which you can easily rectify yourself, you can consult the trained service personnel of your specialist dealer, the authorized MELAG Customer Service or the MELAG Service Center and ask for advice. In many cases a simple telephone call suffices to prevent the necessity of a service visit to your company.



# PROGRAMS AND TIMES

All autoclaves of the Pro Class offer five sterilization programs and two test programs. The test programs can check and document the function of the autoclave in the dental and medical practice at any time. After selecting and starting the desired program, the modern microprocessor controls and monitors the entire process automatically.



## Programs:

	Universal-Program	Quick-Program B*	Quick-Program S*	Gentle-Program	Prion-Program
	wrapped, 134°C, hold time: 5.5 Min.	instruments wrapped/unwrapped, 134°C hold time: 3.5 Min.	instruments wrapped/unwrapped, 134°C hold time: 3.5 Min..	wrapped, 121°C hold time: 20.5 Min.	wrapped, 134°C hold time: 20.5 Min.
Vacuklav®23 B+ Vacuklav®31 B+	30	28	15	45	45
Vacuklav®24 B+ Vacuklav®30 B+	30	26	15	40	45
Drying period	20	10	5	20	20

All times in minutes

\*max. 1.5 kg wrapped or max. load unwrapped

## Optional Accessories



Water Distiller



Sealing Machine



Printer



Sterilizer Pouches

Manufactured by:

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