

## 1 Use according to specification

The machine presented here is a medical product (laboratory centrifuge) according to the IVD guideline 98/79/EG. The centrifuge is used to separate substances or substance mixtures with a density of max. 1.2 kg/dm<sup>3</sup>. This also includes substances and substance mixtures of human origin. The centrifuge is only intended to be used for this purpose. A different use or application over and above this is deemed not in accordance with the specifications. The company Andreas Hettich GmbH & Co. KG undertakes no liability for damages resulting therefrom.

Belonging to the application according to specification is also the observance of all references contained in the Instruction Manual and compliance with the inspection and maintenance works.

## 2 Residual risks

The machine is constructed according to the state of the art and the recognized technical safety regulations. Improper use and handling can result in dangers to life and limb of the user or third parties and impairments to the machine or to other material assets. The machine is only to be used for the specified applications and only in an impeccable technical safety condition.

Disturbances that can interfere with the safety are to be immediately rectified.

## 3 Technical specifications

Manufacturer	Andreas Hettich GmbH & Co. KG D-78532 Tuttlingen			
Model	EBA 21			
Type	1004	1004-30	1004-01	1004-31
Mains voltage ( $\pm 10\%$ )	220 – 240 V 1~		110 – 127 V 1~	
Mains frequency	50 – 60 Hz		50 – 60 Hz	
Connected load	500 VA		550 VA	
Current consumption	2.75 A		5.0 A	
Max. capacity	6 x 50 ml			
Allowed density	1.2 kg/dm <sup>3</sup>			
Speed (RPM)	18000			
Force (RCF)	25718			
Kinetic energy	8100 Nm			
Obligatory inspection (BGR 500)	no			
Ambient conditions (EN / IEC 61010-1)	Indoors only Up to 2000 m above sea level 2°C to 40°C Maximum relative humidity 80% for temperatures up to 31°C, linearly decreasing to 50% relative humidity at 40°C.			
– Set-up site				
– Altitude				
– Ambient temperature				
– Humidity				
– Excess-voltage category (IEC 60364-4-443)	II			
– Pollution degree	2			
Device protection class	I			
Not suitable for use in explosion-endangered areas.				
EMC	EN / IEC 61326-1, Class B		FCC Class B	
– Emitted interference, Interference immunity				
Noise level (dependent on rotor)	$\leq 66$ dB(A)			
Dimensions	275 mm 330 mm			
– Width				
– Depth				
– Height	247 mm	299 mm	247 mm	299 mm
Weight	approx. 11 kg		approx. 11 kg	