

# 728 Magnetic Stirrer



Manual

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## Az Ön viszonteladója:



**LAMBDA-ELAN**  
Elektroanalitikai Kft.

 **Metrohm**

# 1 Introduction

## 1.1 Instrument description

The 728 Magnetic Stirrer with base plate, support rod and electrode holder supplements Titrino and Dosino units.

### 1.1.1 Model versions

The 728 Magnetic Stirrer is available in the following six versions:

2.728.0010	728 Magnetic Stirrer	
2.728.0021	728 Magnetic Stirrer	With 115 V US power supply unit
2.728.0024	728 Magnetic Stirrer	With 230 V EURO power supply unit
2.728.0031	728 Magnetic Stirrer	With 115 V US power supply unit and stand
2.728.0034	728 Magnetic Stirrer	With 230 V EURO power supply unit and stand
2.728.0040	728 Magnetic Stirrer	Complete for Titrino/Dosino

Each version includes different accessories according to its use (*see chapter 6, page 12*).

### 1.1.2 Connectors

The 728 Magnetic Stirrer needs 5 to 12 V DC voltage.

The 728 Magnetic Stirrer is supplied with power via a direct connection to a Titrino, Dosino or via a power supply unit.

### 1.1.3 Intended use

The 728 Magnetic Stirrer is designed for usage in analytical laboratories.

This instrument is suitable for stirring chemicals and flammable samples. Usage of the 728 Magnetic Stirrer therefore requires the user to have basic knowledge and experience in handling toxic and caustic substances. Knowledge with respect to the application of the fire prevention measures prescribed for laboratories is also mandatory.



## 5 Technical specifications

### 5.1 Magnetic stirrer

<i>Direction of rotation</i>	Counterclockwise
<i>Rotational speed</i>	200 - 1,900 rpm

### 5.2 Power supply

<i>Power supply</i>	5 - 12 V DC
<i>Power consumption</i>	$\leq 2.5$ VA

### 5.3 Interfaces and connectors

The 728 Magnetic Stirrer does not have any control interfaces. It is operated and controlled via the power supply.

### 5.4 Ambient temperature

<i>Nominal function range</i>	+5 - +45 °C
<i>Transport and storage</i>	-40 - +70 °C

### 5.5 Reference conditions

<i>Ambient temperature</i>	+25 °C ( $\pm 3$ °C)
<i>Relative humidity</i>	$\leq 60\%$



## 5.6 Dimensions/material

<i>Width</i>	90 mm
<i>Height</i>	76 mm
<i>Depth</i>	150 mm
<i>Weight</i>	660 g (without accessories)
<i>Material</i>	
<i>Housing, upper part</i>	PBT
<i>Housing, bottom part</i>	Steel sheet, stove-enameled