

SIKO | KIT_MA523/1

Triple axis display, complete set



Description

- The complete set comprises all system components and the accessories of the MA523/1 triple axis display in a special package, also available with an optional speed counter.
- The KIT_MA523/1 can be individually configured, depending on the quantity! Available with up to 3 MS100/1 or MS500 magnetic sensors and depending on the accuracy class.
- The components are easily fitted.

Benefits

- Wear-free
- Insensitive to dust, shavings, humidity
- High resolution and accuracy
- Exact digital display
- Speed measurement as an option

Mechanical data

Feature	Technical data	Additional information
Housing design	plastic mounting housing	
Accuracy class	0.01 mm	MS100/1
	0.05 mm	MS500
Weight	~0.2 kg	

Electrical data

Feature	Technical data	Additional information
Operating voltage	10 ... 30 V DC	reverse polarity protected
Current consumption	~150 mA	
Display/display range	7-digit, LCD, 3-row, backlit white	-999999 ... 999999

System data

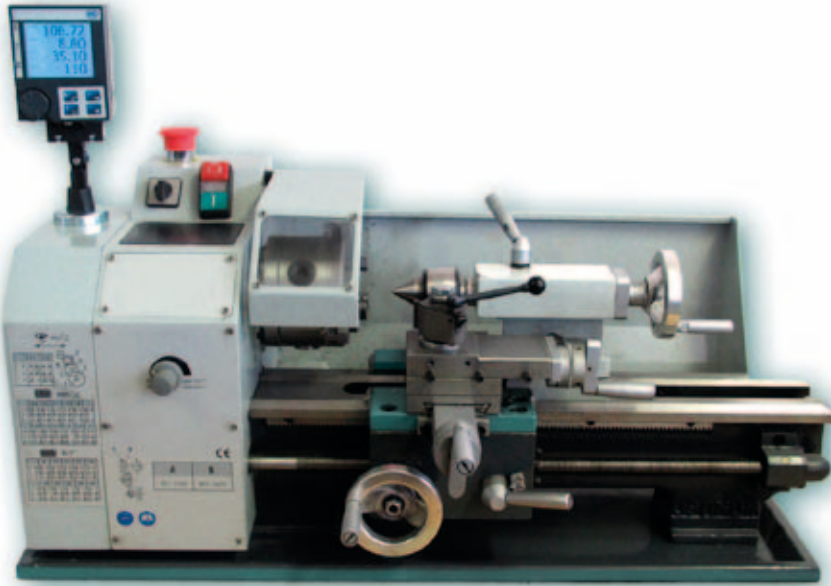
Feature	Technical data	Additional information
Resolution	0.001, 0.01, 0.1 mm	
	160 x 128	display
Travel speed	5 m/s	

Ambient conditions

Feature	Technical data	Additional information
Ambient temperature	0 ... 50 °C	
Storage temperature	-10 ... 60 °C	
Relative humidity	≤80 %	condensation inadmissible
EMC	EN 61000-6-2	interference resistance / immission
	EN 61000-6-4	emitted interference / emission
Protection category	IP50	EN 60529
Shock resistance	300 m/s ² , 18ms	EN 60068-2-27
Vibration resistance	100m/s ² , 5 ... 150 Hz	EN 60068-2-6



Milling/drilling/lathe machine application



Accurate digital indication of the position values of the X, Y axes and simultaneous display of rotational speed. The illuminated display offers optimum readability under all conditions and provides the user with customizable display parameters.





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Headquarters:
 **SIKO GmbH**
Weihermattenweg 2
D-79256 Buchenbach

Phon
+49 7661 394-0
Fax
+49 7661 394-388
E-Mail
info@siko.de

Subsidiaries:
 **SIKO Products Inc**

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