

#### Technical data

- To be screwed onto autoclave cover.
- M18 x 1 mm threads connection.
- Sealed to the autoclave cover by means of O-Ring or metal-to-metal seal (olive).
- Torque for magnetic coupling 20 Ncm or 50 Ncm.
- Stainless steel or Hastelloy C22 as standard. Versions in Hastelloy C276, B3 or titanium Gr. 2 on request.
- Ball bearings on the driven shaft. Hastelloy or titanium versions with friction bearings.
- Maximum speed 3'000 rpm for ball bearings and for friction bearings.
- Micromotor 24V/DC, available complete with control device.
- Speed reading point on driven shaft, using pulse generator and reed contact.

phone  
fax  
internet  
e-mail

premex reactor ag  
industriestrasse 11  
ch-2543 lengnau/switzerland  
+41 (0)32 653 60 20  
+41 (0)32 653 60 25  
www.premex-reactorag.ch  
office@premex-reactorag.ch

# mini mrk



premex  
reactor ag®





We have made this model a king! Its name is «miniroyal» and you will be amazed by its elegance and perfection.

Its «kingdom» includes all the basic equipment for a reactor: a micromotor, coupled with a high-performance magnetic coupling, speed reading point, pressure measurement, pressure protection and gas injection.

- 1 Speed reading point on driven shaft, using pulse generator and reed contact
- 2 Whitey valve or Sitec valve, depending on choice of material, for the gas injection and interior cleaning
- 3 Whitey valve or Sitec valve for pressure release
- 4 Micromotor 24V/DC, available complete with control device
- 5 Locknut for bearing change under reactor cover

For a small extra charge, the thread length given at A can be individually adapted to a reactor cover so that the locknut to change the bearings is opened under the reactor cover.

Further connections

- Burst disk holder fitted with burst disk
- Pressure gauge Ø 40 mm, chemical design

miniroyal  
magnetic stirrer drives

Prod. no.	07.489.00650	07.489.00652	07.489.00654	07.473.00056	07.489.00058	07.489.00060
Torque	20 Ncm	20 Ncm	20 Ncm	50 Ncm	50 Ncm	50 Ncm
Mat. no.	1.4435	1.4980	2.4602	1.4435	1.4980	2.4602
AISI	316 L	660	HC22	316 L	660	HC22
p bar	300	700	300	300	700	300
T °C	200	200	200	200	200	200
A mm	20	20	20	20	20	20
C mm	222	222	222	265	265	265
Micromotor 24V/DC	rpm	rpm	rpm	rpm	rpm	rpm
Speed reading	200-1'500	200-1'500	200-1'500	200-1'500	200-1'500	200-1'500

