



Magnetic stirrers

Magnetic stirrers

Vol. ml

60 / 10'000 (10 lt.)

Pres PS bar

Vacuum to 250

Highly versatile, premex magnetic stirrers accommodate a wide range of customer needs, including conical connections, screwed high-pressure solutions, and pressureless flange connections for glass reactors. The unique encapsulated inner magnet allows stirring in air tight conditions for optimum mixing.



Conical magnetic stirrers

For use with ground glass joints (19/26, 29/32, 45/50), our conical magnetic stirrers are suitable for ambient pressure to full vacuum and can be supplied with an integrated micro motor or air drive motor for ATEX applications. They have a torque range of 20 to 90 Ncm and operating temperature of up to 240 °C.



Threaded magnetic stirrers

Suitable for high pressure applications up to 250 bar, our threaded magnetic stirrers have a torque range of 20 to 90 Ncm and operating temperature of up to 300 °C. Available as standalone or with an integrated motor (micro drive, AC, and air drive) for ATEX applications.



Magnetic stirrers with flange

Our low pressure magnetic stirrers are for use with glass flanges and have a torque range of 20 to 90 Ncm and operating temperature of up to 300 °C.

Our high pressure magnetic stirrers are for use with metal flanges. Supplied with a built-in motor, they have a torque range of up to 800 Ncm and operating temperature of up to 300 °C.



Conical magnetic stirrers



movic

Conical connection

NS 14.5/23

Torque

20, 50 Ncm

Material

Standard WNr. 1.4435,
WNr. 2.4602 (HC22)

Working temperature

240 °C



cirrus

Conical connection

NS 18.8/26

Torque

20, 50 Ncm

Material

Standard WNr. 1.4435,
WNr. 2.4602 (HC22)

Working temperature

240 °C



minifiz

Conical connection

NS 29/32

Torque

20, 50 Ncm

Material

Standard WNr. 1.4435,
WNr. 2.4602 (HC22)

Working temperature

240 °C



glenfiz

Conical connection

NS 29/32

Torque

20, 40, 60, 90 Ncm

Material

Standard WNr. 1.4435,
WNr. 2.4602 (HC22)

Working temperature

240 °C

Conical magnetic stirrers



alluro

Conical connection
NS 45/40

Torque
20, 40, 60, 90 Ncm

Material
Standard WNr. 1.4435,
WNr. 2.4602 (HC22)

Working temperature
240 °C



redjaro

Conical connection
NS 29/32

Torque
20, 40, 60, 90 Ncm

Material
Standard WNr. 1.4435,
WNr. 2.4602 (HC22)

Working temperature
240 °C
Integrated micromotor



redmagic

Conical connection
NS 45/40

Torque
20, 40, 60, 90 Ncm

Material
Standard WNr. 1.4435,
WNr. 2.4602 (HC22)

Working temperature
240 °C
Integrated micromotor



airplay

Conical connection
NS 29/32

Torque
40, 60, 90 Ncm

Material
Standard WNr. 1.4435,
WNr. 2.4602 (HC22)

Working temperature
240 °C
Air motor for hazardous areas



aircop

Conical connection
NS 45/40

Torque
40, 60, 90 Ncm

Material
Standard WNr. 1.4435,
WNr. 2.4602 (HC22)

Working temperature
240 °C

Air motor for hazardous areas

Threaded magnetic stirrers



minipower

Threaded connection
M18 x 1 mm

Torque
20, 50 Ncm

Material
Standard WNr. 1.4435,
WNr. 2.4602 (HC22)

Working pressure
200, 250 bar

Working temperature
300 °C



miniclever

Threaded connection
M18 x 1 mm

Torque
20, 50 Ncm

Material
Standard WNr. 1.4435,
WNr. 2.4602 (HC22)

Working pressure
200, 250 bar

Working temperature
300 °C

*Side valve connection and
speed reduction*



miniluxe

Threaded connection
M18 x 1 mm

Torque
20, 50 Ncm

Material
Standard WNr. 1.4435,
WNr. 2.4602 (HC22)

Working pressure
200, 250 bar

Working temperature
300 °C

Various side connections



macline

Threaded connection
M30 x 2 mm

Torque
20, 40, 60, 90 Ncm

Material
Standard WNr. 1.4435,
WNr. 2.4602 (HC22)

Working pressure
200, 250 bar

Working temperature
250, 300 °C



macfix

Threaded connection
M30 x 2 mm

Torque
20, 40, 60, 90 Ncm

Material
Standard WNr. 1.4435,
WNr. 2.4602 (HC22)

Working pressure
200, 250 bar

Working temperature
250, 300 °C

*Side valve connection and
speed reduction*



minisprint

Threaded connection
M18 x 1 mm

Torque
20, 50 Ncm

Material
Standard WNr. 1.4435,
WNr. 2.4602 (HC22)

Working pressure
200, 250 bar

Working temperature
300 °C

Integrated micromotor



minimaster

Threaded connection
M18 x 1 mm

Torque
20, 50 Ncm

Material
Standard WNr. 1.4435,
WNr. 2.4602 (HC22)

Working pressure
200, 250 bar

Working temperature
300 °C

*Integrated micromotor and
side valve connection*



miniroyal

Threaded connection
M18 x 1 mm

Torque
20, 50 Ncm

Material
Standard WNr. 1.4435,
WNr. 2.4602 (HC22)

Working pressure
200, 250 bar

Working temperature
300 °C

*Various side connections and
integrated micromotor*

Threaded magnetic stirrers



redvoy

Threaded connection
M30 x 2 mm

Torque
20, 40, 60, 90 Ncm

Material
Standard WNr. 1.4435,
WNr. 2.4602 (HC22)

Working pressure
200, 250 bar

Working temperature
250, 300 °C

Integrated micromotor



funrun

Threaded connection
M30 x 2 mm

Torque
20, 40, 60, 90 Ncm

Material
Standard WNr. 1.4435,
WNr. 2.4602 (HC22)

Working pressure
200, 250 bar

Working temperature
250, 300 °C

*Three-phase motor or
planetary roller drive*



airnovel

Threaded connection
M30 x 2 mm

Torque
40, 60, 90 Ncm

Material
Standard WNr. 1.4435,
WNr. 2.4602 (HC22)

Working pressure
200, 250 bar

Working temperature
250, 300 °C

*Air motor for hazardous
areas*

Magnetic stirrers with flange



intronic

Flange connection
Pitch circle \varnothing 90 mm

Torque
3 NM

Material
Standard WNr. 1.4435

Working pressure
250 bar

Working temperature
200 °C

Heidolph drive
150 W



redclair

Flange connection
15, 25, 40, 50 DN

Torque
20, 40, 60, 90 Ncm

Material
Standard WNr. 1.4435
WNr. 2.4602 (HC22)

Working pressure
10 bar for flanges up to
DN25, DN40 and DN50
pressureless

Working temperature
300 °C
Integrated micromotor



airspin

Flange connection
15, 25, 40, 50 DN

Torque
20, 40, 60, 90 Ncm

Material
Standard WNr. 1.4435
WNr. 2.4602 (HC22)

Working pressure
10 bar for flanges up to
DN25, DN40 and DN50
pressureless

Working temperature
300 °C
Air motor in Ex-area



isodrive

Flange connection
M45 x 1.5 or M60 x 2

Torque
2, 5, 8 NM

Material
Standard WNr. 1.4435
WNr. 2.4602 (HC22)

Working pressure
200, 250 bar

Working temperature
250, 300 °C
*Three-phase motor or
Planetroll*



fuego

Flange connection
15, 25, 40, 50 DN

Torque
20, 40, 60, 90 Ncm

Material
Standard WNr. 1.4435
WNr. 2.4602 (HC22)

Working pressure
10 bar for flanges up to
DN25, DN40 and DN50
pressureless

Working temperature
300 °C

Contact

For more information about our range of customizable high pressure reactor solutions, contact us.

Contact us

premex solutions gmbh
Grenzstrasse 20 b
CH-3250 Lyss
Tel. +41 (0)32 653 60 20
office@premex-reactor.com

Contact us in Germany

premex reactor gmbh
Gottlieb-Daimler-Strasse 2
DE-69181 Leimen
Tel. +49 (0)6224 928 550
info@premex-reactor.com

premex-reactor.com

PART OF THE AGI GROUP

The AGI Group creates unrivalled precision scientific glassware, automation, and instrumentation products for lab, pilot, and manufacturing scale. Our decades of experience, passion, and dedication in perfecting the art of glass blowing, alongside our robust engineering capabilities, make us the trusted partner for scientific, pharmaceutical, and academic industries.

AGI!
AGI Group

AGI-GROUP.COM