

STIRRER GUIDE

ROTOR BODY

Screw to adjust
seal tightness

To replace seal unscrew
each part of rotor body
and replace Viton seal
complete with PTFE shroud

Replaceable Seal

This way up

Shaft

RESERVOIR BODY

Cooling reservoir -
always use with liquid
such as Liquid Paraffin.

Precision glass

Standard taper joint

MAXIMUM RECOMMENDED SPEED 300 R.P.M.

COWIE TECHNOLOGY GROUP LTD
RIDGEWAY, COULBY NEWHAM,
MIDDLESBROUGH, ENGLAND, TS8 0TQ
TEL: 01642 599190
FAX: 01642 596810

STIRRER GUIDE

Version 6

cowie[®]

STIRRER GUIDE

Version 6

This stirrer guide is designed to provide a reliable and safe means of entry for stirrer shafts into reaction vessels. Note, however, that ALL stirrer shafts may "WHIP" at certain speeds - always ensure that the speed selected is "WHIP" FREE.

Features -

- Chemically resistant
- Low vacuum (~5 mmHg)
- Pressure (~8 psi)
- High performance glass - PTFE seal.
- Easy to operate shaft lock-nut.
- Anti-whip and vibration reduction.

In use -

- Always ensure Shaft and Guide are **CORRECTLY ALIGNED**.
- Recommended **MAX SPEED** is 400 RPM for continuous use and 800 RPM for intermittent use - **BUT** - always ensure safe running before continuous operation.
- Always use the **CORRECT DIAMETER** of shaft.
- Grease and oils are not required.
- Clean if necessary with methanol or IPA.
- Re-assemble according to diagram overleaf.

STIRRER GUIDE

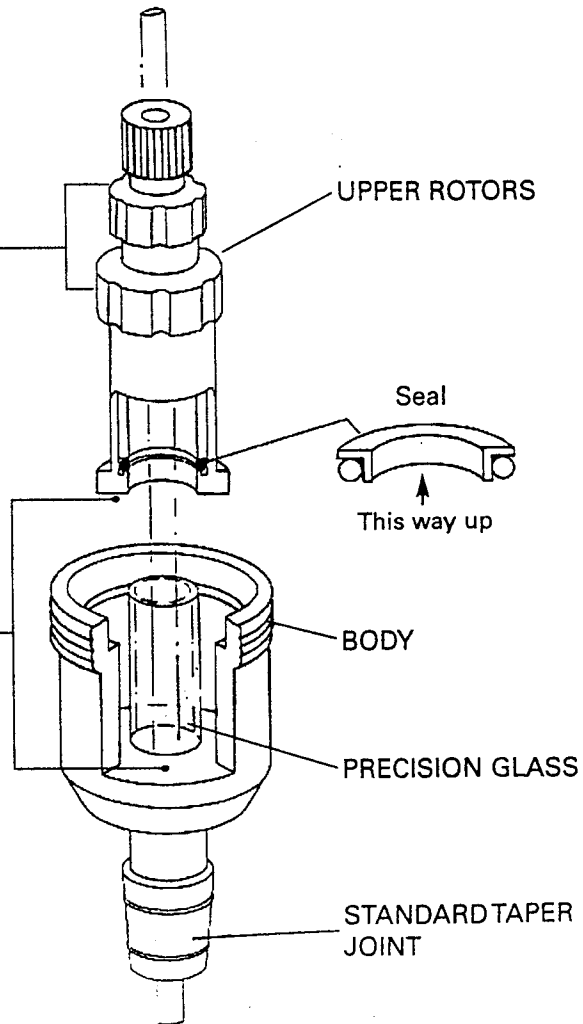
Version 6

Screw to adjust seal tightness

To replace seal unscrew each part of rotor body and replace Viton seal complete with PTFE shroud.

(Screw cap not shown)

In use leave clearance between flange and body base.



STIRRER GUIDE

Version 6

Replacement Parts

FIT BOTH A (USA) and B (Europe) types

Ref	Shaft ø mm	Lock Nut Pack Nut + Seal + Olive
005.101.6 / 201.6	6	LNP 6
.102.6 / 202.6	6	
.103.6 / 203.6	8	LNP 8
.104.6 / 204.6	8	
.105.6 / 205.6	10	LNP 10
.106.6 / 206.6	10	
.107.6 / 207.6	10	
.108.6 / 208.6	12	LNP 12
.109.6 / 209.6	12	
.111.6 / 211.6	16	LNP 16
.112.6 / 212.6	16	

Replacement Vac Seal
005.600.L
005.601.L

Cowie Technology Ltd
Ridgeway
Coulby Newham
Middlesbrough
TS8 0TQ
England

Tel: +44 (0)1642 599190

Fax: +44 (0)1642 596810

enquiries@cowie-tech.com

www.cowie-tech.com