

3" AND 5" SPIN COATERS WITH GYRSET

RC5 GYRSET



DATA SHEET

PATENTED TECHNOLOGY

The SUSS RC5 GYRSET Spin Coater equipped with the patented GYRSET® System provides the optimal tool for unequalled coating uniformity.

Ideal for square, rectangular or irregularly shaped components, the RC5 GYRSET will coat uniformly without corner effects or discernible edge bead.

An ideal complement to your lithography capability, the RC5 GYRSET offers a variety of options making it compatible with a wide range of laboratory and research applications.

Designed and built to be fully-programmable, reliable and accurate, its microprocessor logic control provides ease of operation and makes it the ideal coating partner.

FEATURES AND BENEFITS

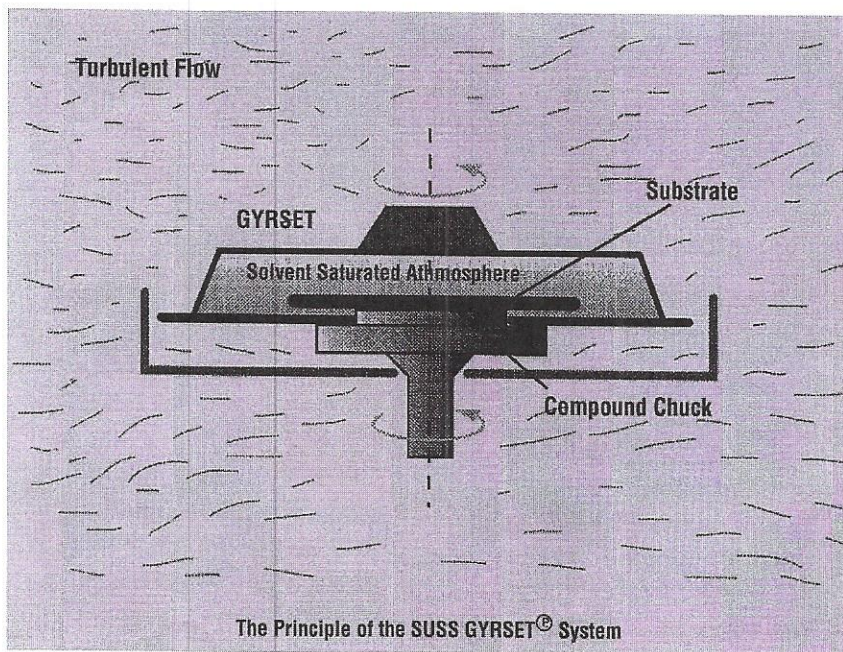
- ▲ Indexed cover excludes air turbulence around your component thereby eliminating the usual spinning defects
- ▲ Closed process chamber lowers the risk of contamination and guarantees high yield
- ▲ Solvent saturated atmosphere lowers the solvent evaporation rate and maximises solvent usage
- ▲ Isolated spinning conditions increase layer uniformity and process control
- ▲ Lower spin speed, acceleration and shorter spin time decrease the wear on motor and mechanics and extend life span
- ▲ Resin consumption reduced by up to 50%

OPTIONS

- ▲ Up to two resin and two solvent lines
- ▲ Solvent and nitrogen dispense
- ▲ Pressurised tank with Teflon® path and suckback valve
- ▲ Stainless steel cabinet
- ▲ Disposable bowl and deflector to keep your spin coater clean
- ▲ SUSS Virgin™ dispenser pump and control box
- ▲ Nitrogen blow with valve and tubing for drying and cleaning
- ▲ Double side coating capability to coat both sides of your component in a single operation

TECHNICAL DATA: SUSS RC5 GYRSET 3" AND 5" SPIN COATER

Substrate Size		Processing	10 programmable cycles
RC5 GYRSET 3	up to 3" diagonal	Power Requirements	
RC5 GYRSET 5	up to 4" x 4"	Power	AC 110-220V 1A
	up to 5" Ø	Frequency	50-60 Hz
Substrate Thickness	up to 3 mm	Utilities	
Speed Range		Vacuum	500 Torr
RC5 GYRSET 3	up to 7,000 rpm	Air	4 - 6 bar
RC5 GYRSET 5	up to 5,000 rpm	Pipe	4mm ID / 6mm OD
	steps of 10 rpm	Dimensions (LxHxD)	
Acceleration		Electronics	410x132x340 mm
RC5 GYRSET 3	100 to 5,000 rpm/s	Mechanics	410x370x370 mm
RC5 GYRSET 5	100 to 4,000 rpm/s	Weight	
	steps of 100 rpm/s	Electronics	8 kg
Time	1 to 999 seconds	Mechanics	13.5 kg



Whatever your application, SUSS will help you find a solution. Our success is based on more than forty years of experience in production and research with a track record of proven quality.

SUSS.
WHERE SOLUTIONS SET
STANDARDS



KARL SUSS WORLDWIDE

▲ GERMANY

KARL SUSS GmbH
Schleissheimer Strasse 90
D-85748 Garching b. München · Germany
Phone (+49)-[0]89/3 20 07-0
Fax (+49)-[0]89/3 20 07-162

▲ FRANCE

KARL SUSS France S.a.r.l.
KARL SUSS Technique S.A.
Avenue des Colombières
F-74490 Saint Jeoire · France
Phone (+33)-[0]4 50 35 83 92
Fax (+33)-[0]4 50 35 88 01

▲ GREAT BRITAIN

KARL SUSS Great Britain Ltd.
23 Ivanhoe Road
Hogwood Lane Industrial Estate
Finchampstead · Wokingham · Berkshire
GB - RG40 4QQ · England
Phone (+44)-1189-732144
Fax (+44)-1189-734395

▲ JAPAN

KARL SUSS Japan K.K. · Yokohama
カール・スース・ジャパン株式会社
〒226 神奈川県横浜市緑区白山1-18-2
ジャーマン・インダストリー・センター
Phone (+81)-45-931-5600
Fax (+81)-45-931-5601

▲ ASIA

KARL SUSS Asia Co., Ltd.
212/2 Soi Ladprao 10
Ladprao Road, Ladyao · Jatujak
Bangkok 10900 · Thailand
Phone (+66)-2 938 44-26, -27
Fax (+66)-2 512 5569

▲ NORTH AMERICA

KARL SUSS America Inc.
P.O. Box 157, Suss Drive
Waterbury Center · VT 05677 · USA
Phone 802-244-5181
Fax 802-244-5103

Representatives in over 30 countries.
Please ask for our address list.