

**20 years of
Quality Service
and Products**

- **SUBSTRATE HANDLING
and SHIPPING**
- **WET PROCESS**
- **PHOTOLITHOGRAPHY**
- **OEM REPLACEMENT PARTS**

One-Stop Sourcing for Front-End

HANDLING / SHIPPING

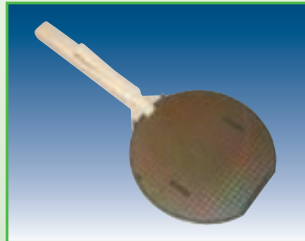
H-SQUARE
CORPORATION

- Vacuum Wands
- Freedom™ Wands



H-SQUARE
CORPORATION

- Wafer Grippers




H-SQUARE
CORPORATION

- Flat-/Notchfinders



H-SQUARE
CORPORATION

- Wafer Transfer Systems
- 
- Transfer Systems



APT

- Wafer Presenter





- Thin Wafer Sorters
- Thin Wafer Mappers



- 4-Cassette Sorters



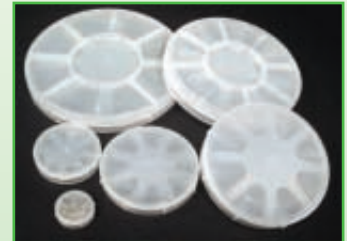
H-SQUARE
CORPORATION

- Metal Cassettes



PAK
Our Team Makes The Difference

- Single Wafer Shippers



PAK
Our Team Makes The Difference

- Process Carriers
- Solar Cell Carriers



PAK
Our Team Makes The Difference

- eLX Cannisters
- Wafer Jars
- Shipping Boxes



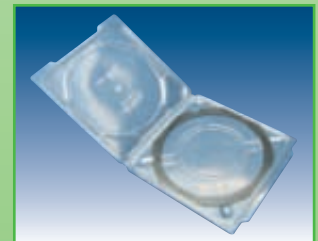


- Si, GaAs, GaP, etc. Wafers



PAK
Our Team Makes The Difference

- Flex Frames
- Frame Shippers
- Hoop Rings



APT

- Modular Carrier Loading Systems



WET PROCESS

PILLAR

- Chemical Pumps
- PFA S300 Fittings
- PFA Tubings



NUMATA SENSORS

- Flow Meters
- Flow Control Valves
- Flow Switches
- Pressure Transducers
- Dispense Verification Meter



APT

- Single Wafer Spin Processors



SURPASS

PTFE or PFA:

- Quick Connectors
- Pressure Gauges
- Pressure Sensors
- Regulators & Controllers
- Valves



PILLAR

- Heat Exchangers

Heatflex Corporation
World Leader in Ultra Pure Heating

- Heater/Chillers
- Exchanger/Heaters



BECO

- Valves
- Sprayguns
- Air Cylinders
- QDR Tanks



Heatflex Corporation
World Leader in Ultra Pure Heating

- DI Water Heaters
- In-Line Chemical & Gas Heaters
- Bath Heaters



KAIJO

- Ultrasonic / Megasonic Cleaning
- Spot Shower



PROMAC
SEMICONDUCTOR PRODUCTS, INC.

- (Heated) Quartz Process Tanks



SPS SEMICONDUCTOR PRODUCTION SYSTEMS

- PFA Process Tanks

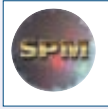
TECHSONIC
Acoustics and vibrations

- Megasonic Array
- Megasonic Detection



OEM REPLACEMENT PARTS

CMP



- Retaining Rings



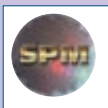
- Conditioning Pads



- Slurry Pumps



REFURBISHMENTS



- NSK Motor Refurbishment



ETCH/CVD



- Heater Pedestals
- Ceramic ESC Chucks
- Shower Heads
- Chamber Liners
- Silicon Focus Rings



DIFFUSION



- Insulation Collars and Discs



- Ceramic Vestibule Blocks and Tube Supports



- Ultra-Pure Gas Filters



- Horizontal and Vertical Diffusion Heating Elements



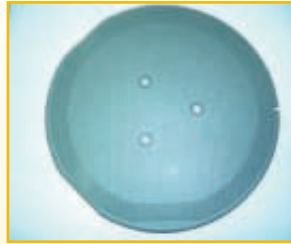
- Furnace Element Lifter



PHOTOLITHOGRAPHY



- Stepper Chucks
- Scanner Chucks



- UV Exposure Meters



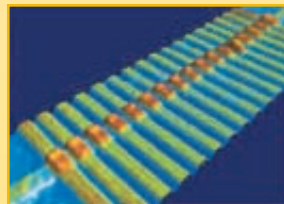
- UV Lightsources



- Mask Aligners



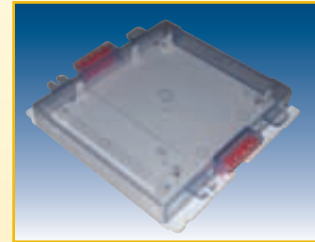
- Nano Imprint Modules



- Single Wafer Spin Coating, Developing, Mask Cleaning



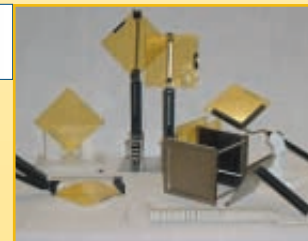
- Nikon/Canon Reticle Boxes



- Reticle Storage



- Mask Picks



For more than **20 years** now,
SPS-Europe offers quality service
and products as a one-stop shopping point for
front-end, with **six facilities across Europe**.

We supply a range of industry leading products used
worldwide for **Wafer Handling, Wet Processing,**
Photolithography, OEM Replacement parts,
and the **Solar Industry**. Dedication towards our custo-
mers and flexibility in finding the right solution, combined
with solid application knowledge and fast supply logistics,
are the keywords of our service.



HEAD OFFICE:

NORTHERN GERMANY
(zip 0 - 5, 99), **SCANDINAVIA,**
NETHERLANDS, FINLAND,
POLAND, RUSSIA, GREECE:

● **SPS-Europe B.V.**
Midden Engweg 41
NL-3882 TS Putten
The Netherlands
Tel. (31) 341 360 590
Fax. (31) 341 360 589
e-mail: info@sps-europe.com

SOUTHERN GERMANY
(zip 6 - 9), **SWITZERLAND,**
AUSTRIA, CZECH REPUBLIC,
SLOVAK REPUBLIC:

● **S.P.S. Vertriebs GmbH**
Rosenstrasse 10
D-85053 Ingolstadt
Germany
Tel. (49) 841 370 530
Fax. (49) 841 370 5322
e-mail: info.de@sps-europe.com

UNITED KINGDOM,
IRELAND

● **S.P.S. Ltd.**
Tweed Horizons Centre
Newtown St. Boswells
TD6 0SG Scotland
Tel.: (44) 1835 822 455
Fax: (44) 1835 822 055
info.uk@sps-europe.com

BELGIUM,
SPAIN, PORTUGAL,
ISRAEL:

● **S.P.S. bvba**
Steenweg op Withof 5
B-2960 St. Job in 't Goor
Belgium
Tel. (32) 3 440 0895
Fax. (32) 3 440 5181
e-mail: info.be@sps-europe.com

FRANCE

● **S.P.S. bvba**
9, Rue du Pont à Lunettes
F-69390 Vourles
France
Tel. (33) 4 72 31 78 35
Fax. (33) 4 78 05 13 45
e-mail: info.fr@sps-europe.com

ITALY

● **S.P.S. bvba**
Via G. Verdi 18b
27021 Bereguardo
Italy
Tel. (39) 0 382 920 739
Fax. (39) 0 382 920 738
e-mail: info.it@sps-europe.com