



o b d u c a t

Foundry Services

World Leading
Supplier Of
Lithography
Solutions

Foundry Service

Highlights

Obducat can act as your manufacturing partner for continuous production if you follow a fables strategy. Obducat also offer the service to do initial pilot production for evaluation purposes, to enable a more data driven investment decision for the setup of your own internal production capability.

Main offerings

- **Comprehensive Processing**
All processes available up to 200 mm substrate size.
- **Full Capability Range**
From substrate preparation and lithography processes to advanced pattern transfer.
- **Scalable Production**
Supporting prototyping to high-volume manufacturing.





Capabilities

Modeling & Design

- Multiphysics device modelling (analytical, numerical, FEM)
- Process emulation and mask design for any kind of lithography

Lithography

- Nanoimprint Lithography
- E-beam Lithography
- Projection Lithography
- Laser Lithography

Dry etching

- Plasma etch
- ICP
- RIE
- DRIE
- IBE

Wafer bonding

- Anodic bonding
- Fusion bonding
- Thermal bonding

Metrologi & Testing

- SEM
- FIB-SEM
- AFM
- Laser Microscope
- Optical Microscope

Deposition

- PVD, CVD
- PE-CVD, ALD
- Thermal oxidation
- E-beam evaporation

Wet etching

- Anisotropic wet etch
- Oxide etch
- Wet etch clean
- Acid etch
- Eesist strip

Wafer backend

- Wafer dicing



o b d u c a t



Obducat AB

Nytänkaregatan 4
223 63 Lund
Sweden

Contact

sales@obducat.com
+46 46 10 16 00

Obducat Europe GmbH

Robert-Gerwig-Str. 9
78315 Radolfzell
Germany

Contact

sales@obducat.com
+49 7732 97 898-0

Obducat North America Inc

1870 El Camino
Real, Ste 209
Burlingame, Ca 94010
USA

Contact

sales@obducat.com
+1 510-871-0041

Sales offices China

12F, Sail Tower,
266 Hankou Road,
Huangpu District,
200001 Shanghai
P. R. CHINA

Contact

phillip.zhang@
obducat.com
+86-21- 54653756

Sales office Japan

1-10-3-901
Roppongi
Minato-ku
Tokyo 106-0032
Japan

Contact

mikihiko.sano@
obducat.com
+81-70-8355-6496

Contact us: www.obducat.com