

Examples for application:

- YAG-Laser welding systems for the medical device industry
- Micro mechanics, laser and plasma welding techniques
- MOVD technology in the semiconductor industry
- Titanium welding for aircraft industries
- Production of high performance lamps
- Lithium-Ion battery technology
- Inorganic / organic research
- Pure metal powder research
- Ceramic powder research
- Nano-powder industries
- Metal-Halide research
- Industrial chemistry
- Catalyst research

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TFD-SYSTEMS

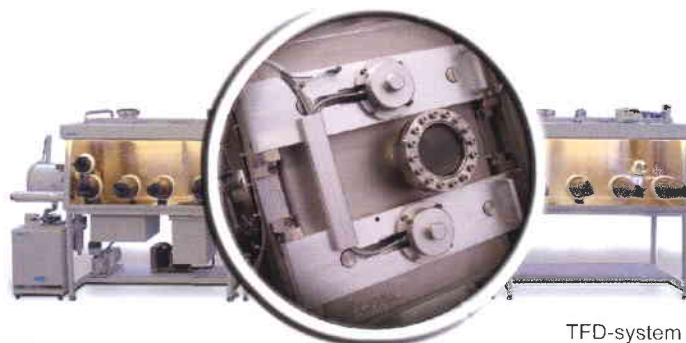
INTEGRATED INTO GLOVEBOXES



OLED-system (Organic Light Emitting Diodes)

TFD-System and Spincoater in Glovebox

- <1 ppm Moisture
- <1 ppm Oxygen
- Full integrated solutions
- Different sizes of coating chambers on request



TFD-system



System-detail

INERTGAS TECHNOLOGY

M. Braun
Inertgas-Systeme GmbH
Head-Office Germany
Dieselstr. 31,
D-85748 Garching
Phone: +49(0) 89-3 26 69-0
Fax: +49(0) 89-3 26 69-105
E-Mail: info@mbraun.de

M. Braun Inc.
USA
14 Marin Way,
Stratham, NH 03885
Phone: 1-603-773-9333
Fax: 1-603-773-0008
E-Mail: info@mbraunusa.com

M. Braun
Inertgas Systems (Shanghai)
Co., Ltd., China
828 Xin Jinqiao Road
Pudong Shanghai 201206,
P.R.C.
Phone: +86-21-5032 0489
Fax +86-21-5032 0469
E-mail: info@mbraun.com.cn

M. Braun
Sales Office Beijing
China
Phoenix Building A1-3004
A5 Shuguangxili, Chaoyang District
100028 Beijing, P.R.C.
Phone: +86-10-8440 5305/6/7/8
Fax +86-10-8440 5248
E-mail: info@mbraun.com.cn

www.mbraun.de
www.mbraun.com
www.mbraun.com.cn



ORGANIC-DISPLAY-TECHNOLOGY

MBRAUN technology for research & development



Inertgas-box with integrated TFD-unit



Laminar-flow
Removal of
Moisture,
Oxygen and
particles



Inertgas-box with
integrated TFD-unit



Inertgas-box
with integrated
ink jet machine



Hot plate drying



Spin coating

MBRAUN TECHNOLOGY FOR RESEARCH & DEVELOPMENT

Manufacturing

Research