ADVANTAGES:

✓ RANGE
   Largest travel ranges = maximum flexibility.

✓ PAYLOAD
   Highest load capacity = unlimited substrate choice.

✓ GATE VALVES
   Smart kinematics = smallest gate valves.

✓ FOOTPRINT
   Space-saving kinematics = small set up area.

✓ COMPLEXITY
   Keep it simple with Adenso = save space and money!

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Device Test System
SPECIFICATION

DTS — BASE TYPES:

DTS 200 / 300 / 450
Suitable for 200 / 300 / 450mm wafer in combination with all kind of test applications in inert gas environment (glovebox), e.g. SURAGUS non-contact inline measurement solution for sheet resistance [Ohm/sq] and metal layer thickness [nm, μm].

DTS special / glovebox
Applications with special substrates like glass plates.
Customized CASSETTE lift available.
Glovebox integration as a standard.

DTS demo
Demonstration model for customized substrate tests.

Substrates:
- 200/300/450mm wafer
- glass plates in customized sizes
- FPD flat panel displays

SPECIFICATION

WORKING RANGES
X: up to 2m
Z: 0, 50, 100, 250mm
R: 360°

PAYLOAD
Standard: up to 15kg
Heavy duty: 250 kg

CLEAN ROOM
Clean room suitability up to ISO class 3 / US FED class 1 CR encapsulation available for all X-axis types.

SAFETY
Smooth running and STOP control integrated as a standard. Certified safety technology integrated in the motion control system for servo drives:
SBC safe brake control
STC safe tension control

LEAKAGE
Standard: 10-7 mbar x l/s
Option: 10-9 mbar x l/s

INTERFACES
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Profibus

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