



Mössbauer Bench MB-600
with Cryostat MBBC-HE0106

MB-600 includes a
cryostat stand



Temperature Controller TR-55



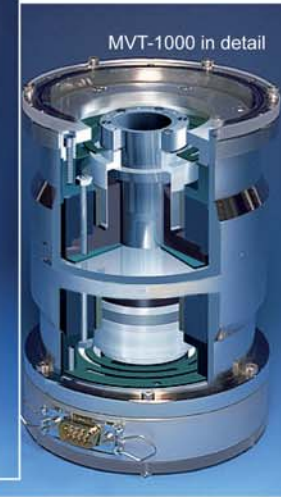
RiKon-5 mounted on
MB-500



Mössbauer
Furnace
MBF-1100



Mössbauer Velocity Transducer
MVT-1000



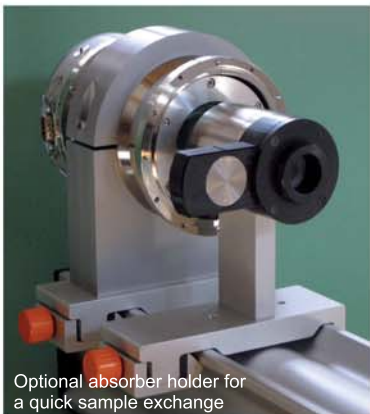
MVT-1000 in detail



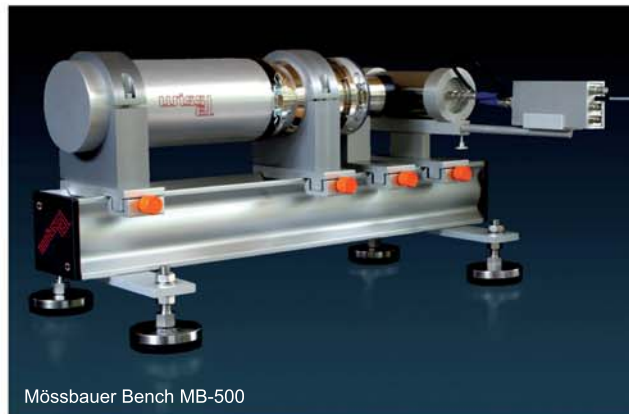
Mössbauer source
with adapter
SA-1



Mössbauer absorber
Fe-57 foil



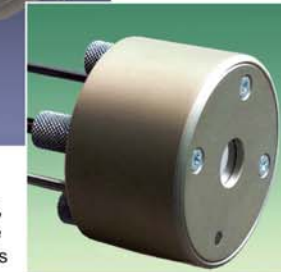
Optional absorber holder for
a quick sample exchange



Mössbauer Bench MB-500



Mössbauer Velocity
Transducer
MA-260



CEMS Detector RiKon-5,
suitable for low temperature
measurements



**LASER
CALIBRATION**
The easy way
to exact results

MVC-450
MDU-1200
MVT-1000

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Data Acquisition Module CMCA-550



RiKon-5 Anode Wire
Cassette

Instruments for Mössbauer Spectroscopy



MA-260
Economy model
with ALNICO magnets

MA-260S
Standard model with
NdFeB and SmCo₅
magnets

Mössbauer Velocity Transducers



MVT-1000
Top model with NdFeB
and SmCo₅ magnets

Digital Function Generators



DFG-500
Sine, Constant
Acceleration (triangle),
512 / 1024 channels
1 - 100 Hz



DFG-1000
Standard Model
Sine,
Constant Acceleration
(triangle),
Constant Velocity
(with different slopes),
control signals
128 - 4096 channels
1 - 100 Hz



DFG-1200
Top Model
Sine,
Constant Acceleration
(triangle),
Constant Velocity
(with different slopes),
Region-of-Interest
control signals
128 - 4096 channels
1 - 100 Hz

HVS-2
High-Voltage
Supply



AMP-1000
Spectroscopy
Amplifier



MR-260
Standard
Mössbauer
Drive Unit



MR-260A
Mössbauer
Drive Unit
with error
minimisation
facility and
error display

MRG-500
Standard Mössbauer Drive Unit
with digital function generator
(MR-260 with DFG-500)



Mössbauer Drive Units



MR-360
Mössbauer Drive Unit
with
error minimisation
facility, error display
and velocity display
based on the
measurement of a
reference voltage
(MONITOR signal)

The Velocity Displays of MR-360 and MDU-1200

Mössbauer Drive Unit MR-360
measures the amplitude of an
internal reference signal and
displays a proportional value.
Before adjusting the display, a
Mössbauer calibration measurement
must be performed. Later an
occasional recalibration is required.
Mössbauer Drive Unit MDU-1200
displays a laser calibrated velocity
value. For this it has to be connected
with a HeNe laser calibrator e.g.
model MVC-450.

MDU-1200
Mössbauer Drive Unit
with
error minimisation,
error display and
velocity display
based on
laser calibration



Laser Calibrator



MVC-450
Mössbauer Velocity Calibrator
based on a
HeNe laser interferometer



High Velocity Drive Units:

MA-260AH
MR-360H
MDU-1200H

MA-260AH
High Velocity
Drive Unit



LND-45431
Proportional
Counter with
Xe or Kr
filling



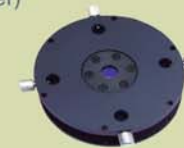
PEA-6A Preamplifier
& Main Amplifier



CMCA-550
Data Acquisition Module
for MCS and PHA.
Two windows, set in
PHA mode, can be used in MCS
mode.

Mössbauer Source
Detector
Preamplifier (& Main Amplifier)
Main Amplifier
NIM Bin
High-Voltage Supply
Data Acquisition Module
Mössbauer Bench
Radiation Protection Devices
NORMOS Fit Software
Furnace
Low Temperature Equipment

Accessories



Sealing Disk



PEA-6 Preamplifier



SA-1
Source Adapter