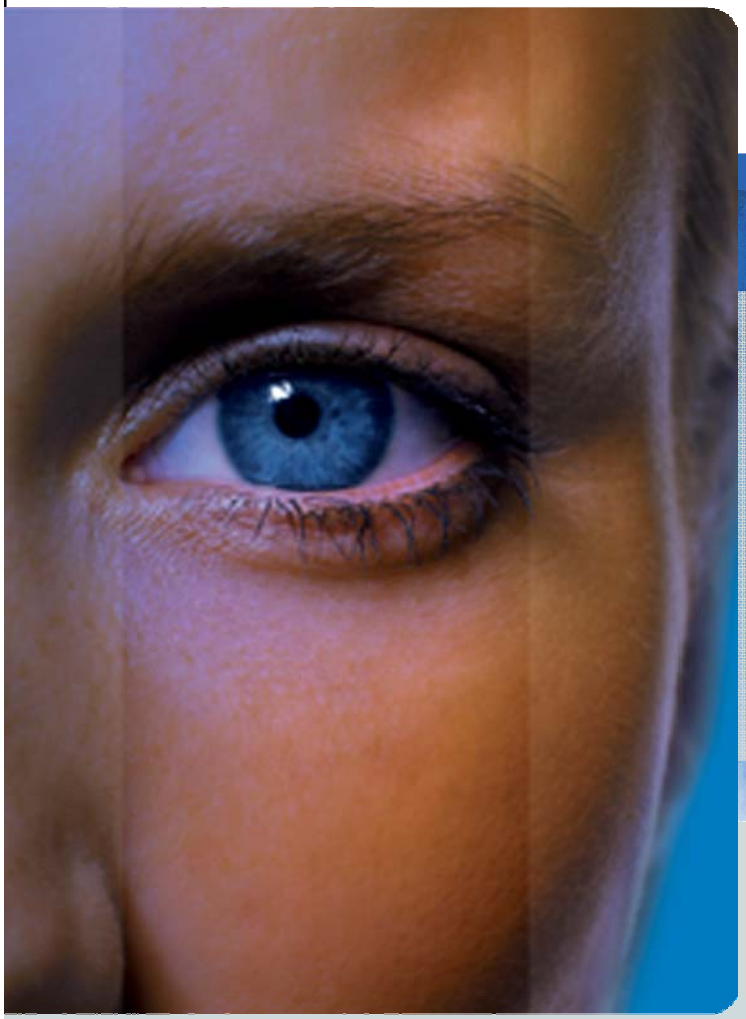


Bruker Corporation (BRKR)

Investor Presentation for 2008 UBS Global Life Sciences Conference

September 23, 2008

Frank Laukien, President & CEO

William Knight, Chief Financial Officer

BRKR Safe Harbor Statement

Any statements contained in this press release that do not describe historical facts may constitute forward-looking statements as that term is defined in the Private Securities Litigation Reform Act of 1995. Any forward-looking statements contained herein are based on current expectations, but are subject to a number of risks and uncertainties. The factors that could cause actual future results to differ materially from current expectations include, but are not limited to, risks and uncertainties relating to the integration of businesses we have acquired or may acquire in the future, changing technologies, product development and market acceptance of our products, the cost and pricing of our products, manufacturing, competition, dependence on collaborative partners and key suppliers, capital spending and government funding policies, changes in governmental regulations, intellectual property rights, litigation, and exposure to foreign currency fluctuations. These and other factors are identified and described in more detail in our filings with the SEC, including, without limitation, our recent Proxy Statements on Schedule 14A, our annual report on Form 10-K for the year ended December 31, 2007, our most recent quarterly reports on Form 10-Q and our current reports on Form 8-K. We disclaim any intent or obligation to update these forward-looking statements other than as required by law.

Bruker Corporation Today

Life Science and Analytical (LSA) Systems

Technology Platforms

Bruker AXS

Materials Research & Elemental Analysis

- X-ray Diffraction
- X-ray Crystallography
- X-ray Fluorescence
- EDS/EBSD, XRF Microanalysis
- Optical Emission Spectroscopy
- Combustion Analysis

Bruker BioSpin

Magnetic Resonance & Magnets

- NMR
- MRI
- EPR
- Supercon Magnets

Bruker Daltonics

Mass Spectrometry & CBRNE Detection

- MALDI-TOF(/TOF)
- Ion Trap MS^n
- ESI-(Qq)-TOF, FTMS
- GC/MS, IMS, IR, NAA

Bruker Optics

Vibrational Spectroscopy

- FT-IR
- FT-NIR
- Raman
- TD-NMR

Bruker's Philosophy and Vision: our unique approach to Leadership in High-Performance Scientific Instruments & Analytical Solutions

➔ 1. Bruker makes major, long-term investments for quantum leaps in technology and capabilities

- Leadership in Innovation, Major Investment in R&D
- Leading market positions in key segments

➔ 2. Bruker is a fast growing company with high margin goals

- Global distribution, attractive markets, excellent Bruker brand
- Fast organic growth, disciplined M&A, margin expansion

➔ 3. Bruker is investing heavily in new break-out opportunities for fast growth and high margins

- Molecular Research in Chemistry & Proteomics
- Materials Research and Nanotechnology
- CBRNE Detection for Homeland Security
- Superconductors, Magnets and HTS Devices
- IVD, Molecular Imaging & Clinical Microbiology

Bruker BioSpin's Global Technology and Market Leadership in NMR and EPR Spectroscopy

- Founded in 1960 by Prof. Guenther Laukien (in picture)
- 1960-1990: pioneered FT-NMR, supercon magnets, leadership in other key technologies
- 1990-2008: pioneered shielded NMR magnets, 2 Kelvin ultra-high field magnets (750-950 MHz), digital NMR spectrometer, and cryogenic NMR probes for major leaps forward

Bruker BioSpin today:

- Introduced Avance III – fastest NMR system
- NMR CryoProbe won a 2008 R&D 100 Award
- Installing world's first shielded 950 MHz at NCRC

Bruker BioSpin's Global Technology and Market Leadership in Research MRI

- Pioneered actively-shielded, refrigerated superconducting MRI magnets
- Collaboration with Siemens Medical on *ClinScan*™ pre-clinical MRI system
- Pioneered cryogenic MRI probes for major sensitivity boost
- MRI MicroCryoProbe won 2008 R&D 100 Award

Bruker AXS – New Products
for Routine Chemical Crystallography

- **SMART X2S (crystal-to-structure) System**

  World's First Fully Automated Molecular Structure Machine!

  - Fully-automated small molecule 3D structure determination:
    - structures at the touch of a button
    - for working chemists anywhere
  - Simple, cost-effective benchtop system for under $250k
  - For academic or industrial chemistry laboratories without staff crystallographers
  - **Pittcon 2008 Editors' *Gold* Award Winner**
  - **Followed by R&D Magazine 2008 R&D 100 Award**

New SMART X2S

Bruker AXS – New Products
Trace Elemental Analysis with TXRF

- **New S2 PICOFOX TXRF Benchtop System with XFlash™ SDD Detector**
  - Ultra-trace analysis for pharmaceutical raw material purity tests, environmental monitoring, food safety, biofuels and mining
  - Highly attractive alternative to ICP and AA
    - No calibration and no consumables
    - Cost-effective benchtop/portable system
  - **Pittcon 2008 Editors' *Bronze* Award Winner**

New S2 PICOFOX

Bruker AXS – New Products

First Handheld XRF with Silicon Drift Detector (SDD)

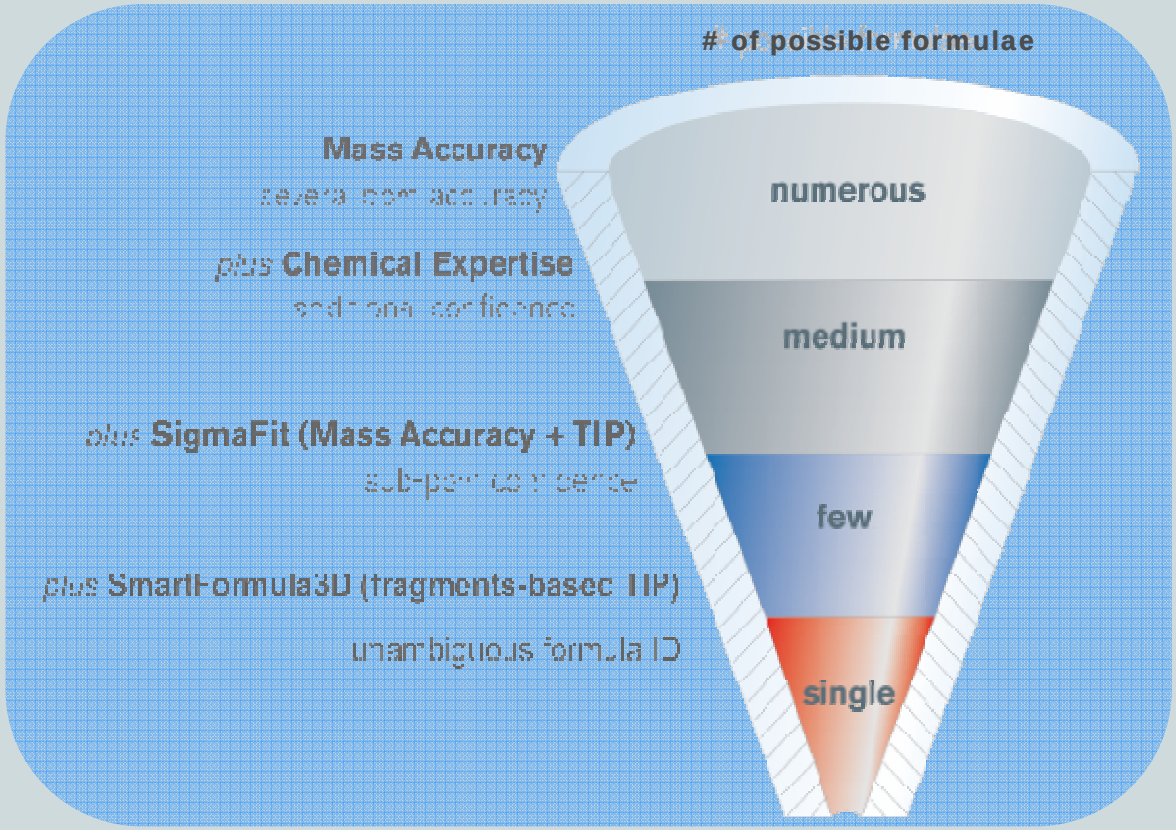
- **Innovative TRACER*turbo*™ Offers Unprecedented Specificity and Speed**
  - Dramatically improved speed, sensitivity and energy resolution
  - Ideal for art conservation and archaeology analysis, along with large aerospace and general metals analysis markets
    - Much better SDD energy resolution offers significant gain in specificity and information content
    - Better and faster analysis of sophisticated light element alloys in aerospace industry

New TRACER*turbo* SDD

Unambiguous On-the-Fly Molecular Formula Determination with the new *micrOTOF-Q II* and *SmartFormula™3D*

Accurate mass *plus* true isotopic fit (TIP) on both molecular *and* product ions provide sub-ppm confidence:

➔ Finally the **"Molecular Formula Machine"**



Bruker Daltonics – New Product
maXis™ UHR-TOF at ASMS 2008

A new category of UHR-TOF mass specs:

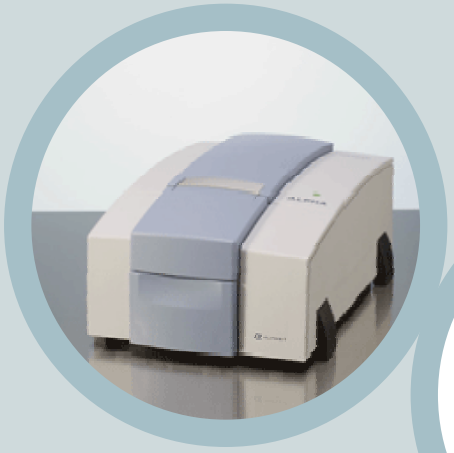
- Ultra-high resolution 40-60k
- Broad mass range and high mass
- Mass accuracy in MS & MS/MS <1ppm
- High speed at 20 full spectra/sec
- Isotopic fidelity for molecular formulae

… simultaneously! (not possible with any other mass spec)

➔ Bruker has 'rewritten the book' with UHR-TOF technology: dramatic change in high-performance MS market

Bruker Optics – New Products
Environmental Monitoring, Food Safety & QC

New FT-IR and TD-NMR products for environmental monitoring, food safety and QC



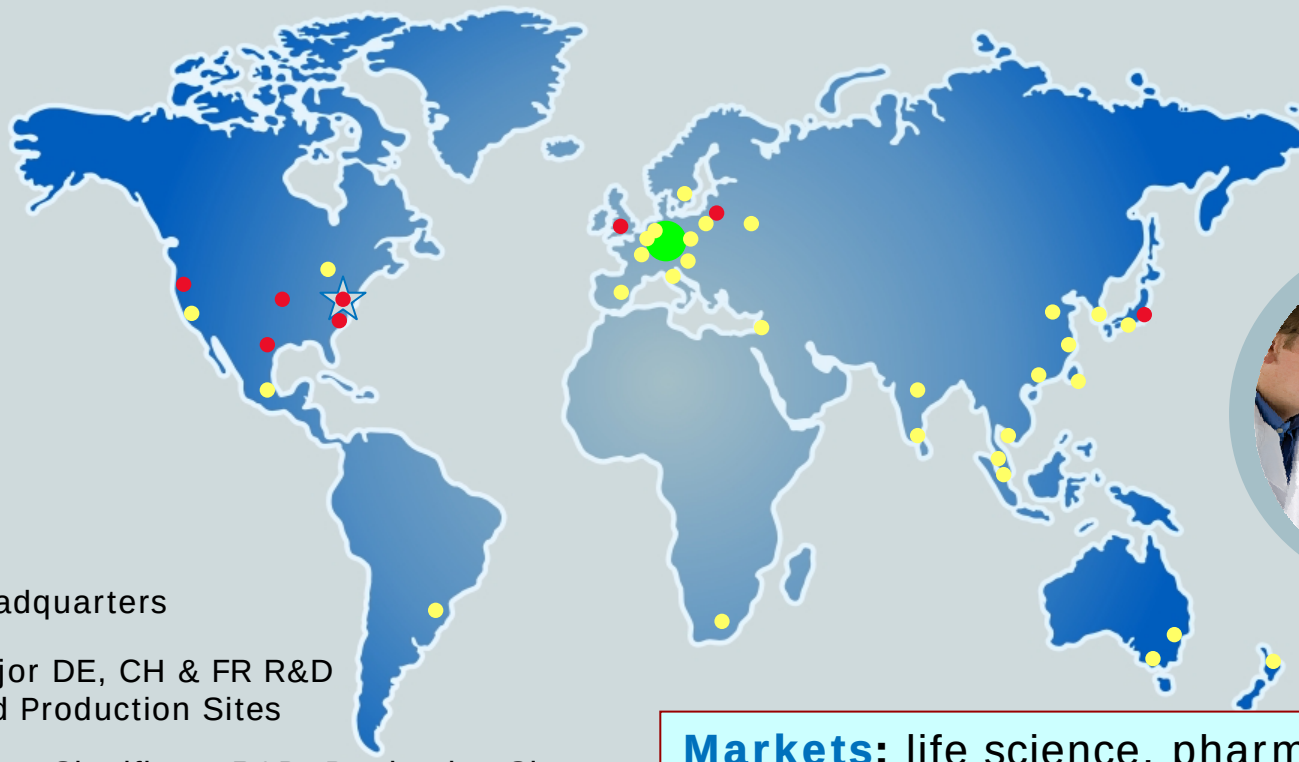
ALPHA FT-IR
New capabilities for food safety and QC; e.g. turn-key trans-fat analyzer for (AOCS Method Cd 14d-99)

NEW minispec LF90 II
TD-NMR for Rat Body Composition and Grain Quality Analysis

EM 27
Research Grade open-path FT-IR monitoring

NEW Mobile-IR
Portable FT-IR for environmental monitoring

Global Leader with Excellent Reputation:
High-Performance Life Science Tools and Analytical Solutions



- Headquarters
- Major DE, CH & FR R&D and Production Sites
- Other Significant R&D, Production Sites
- Direct Sales Offices
- Additional distributors around the world

Markets: life science, pharma/biotech, materials research & nanotech, food & environmental, clinical, QC & process control, homeland security, forensics;

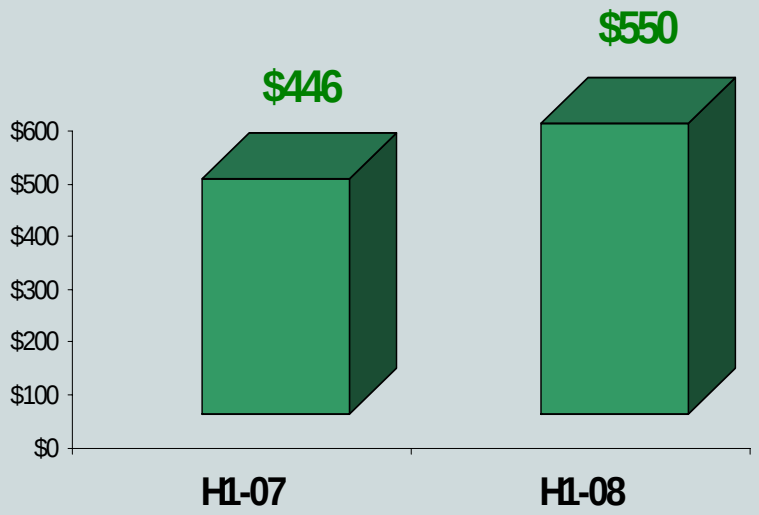
Bruker is a Fast Growing Company:
Key Financials & Revenue Growth

BRKR 2007 Financials (incl. Bruker BioSpin acquired in Febr. 2008):

- revenue $1.032 billion ($851M in '06)
  - ➔ 21% growth, 15% FX-adjusted
- net income $97 million ($75M in '06)
- EPS $0.59 ($0.47 in '06)
- Free Cash Flow $103M ($62M in '06)

H1-08 y-o-y revenue growth is 23%, or 13% FX-adjusted

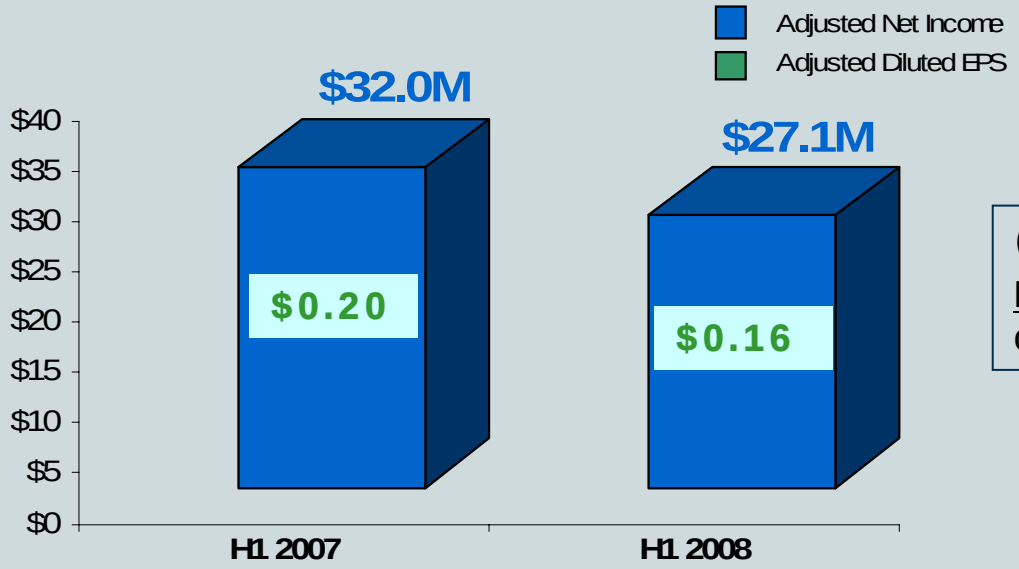
- new growth initiatives at Bruker BioSpin



Historical perspective: BRKR IPO in 2000 (called Bruker Daltonics/BDAL) with product revenue of $75M ➔ with fast organic growth, M&A of other Bruker units, and external M&A to $1B company in 7 years (CAGR 45%)

➔ 2. Bruker is a fast growing company with high margin goals

Bruker has High Margin Goals:
Profitability & Margin Opportunities



($'s in millions, except EPS)

Note: Included in H1-08 were FX losses of $8.5M, or ($0.04) per diluted share.

- BRKR has made good margin progress in recent years, but newer Bruker Daltonics, Bruker AXS and Bruker Advanced Supercon Businesses have not yet reached longer-term model.
- BRKR operating margin in H1-08 has stagnated at 9.2% (excl. acquisition expenses) ➔ cost-cutting programs initiated/implemented to accelerate margin expansion
- Gross margins in H1-08 of 44.0% only improved 40 bps over H1-07, in part due to weak USD and strong EUR ➔ medium-term goal is GM of 50%
- Strong R&D investment of 12.3% in H1-08 to capitalize on significant technological and market opportunities now ➔ medium-term goal: 8-9%
- Opportunities to leverage H1-08 S,G&A of 22.5% ➔ medium-term goal: 18-19%

NON-GAAP Reconciliation

	Year Ending December 31,		Six Months Ended June 30,	
	2006	2007	2007	2008
GAAP Net Income (Loss)	$ 74.8	$ 97.2	$ 32.0	$ 21.0
Acquisition related charges	5.0	7.4	-	6.1
Adjusted Net Income	$ 79.8	$ 104.6	$ 32.0	$ 27.1
Diluted Shares Outstanding	160.1	164.3	163.7	165.3
Earnings per share, GAAP	$ 0.47	$ 0.59	$ 0.20	$ 0.13
Earnings per share, Adjusted	$ 0.50	$ 0.64	$ 0.20	$ 0.16

We believe the inclusion of the non-GAAP measures helps investors to gain a better understanding of our core operating results and future prospects, consistent with how management measures and forecasts the Company's performance, especially when comparing such results to previous periods or forecasts. However, the non-GAAP financial measures included here are not meant to be a better presentation or a substitute for results prepared in accordance with GAAP.

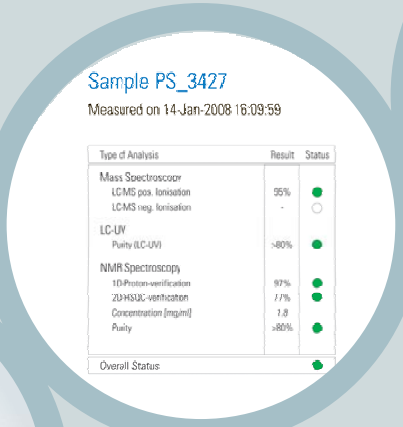
➔ 3. Bruker is investing heavily in new break-out opportunities for fast growth and high margins

Bruker Integrated Solution for Chemistry & Metabolomics: *Complete Molecular Confidence™* Solution

- a major step towards automated molecular formula determination and structure verification - only from Bruker

Integrated Sample Submission and Tracking

NMR and Exact Mass MS



Molecular Profile Report

Additional Techniques: SCD, FT-IR

➔ 3. Bruker is investing heavily in new break-out opportunities for fast growth and high margins

Bruker AXS High Performance Portfolio
for Materials Research & Nanotechnology

- **X-ray diffraction (XRD)** for advanced material characterization and nanotechnology
- **X-ray crystallography (SCD)** for single crystal biological and chemical crystallography
- **X-ray fluorescence (XRF)** for industrial analysis markets, metals and cement
- **Handheld XRF** for positive materials identification and metals market
- **EDS / EBSD** for SEMs/TEMs, **XRF Microanalysis**
- **Spark OES** for metals analysis
- August 2008 acquisition of **Atomic Force Microscopy** company, now called Bruker Nano GmbH

➔ 3. Bruker is investing heavily in new break-out opportunities for fast growth and high margins

Bruker Acquires Atomic Force Microscopy (AFM) Company in August 2008 for Nanotechnology Analysis

- Well-established method for ultra-high spatial resolution surface imaging
- Materials research applications like semiconductors, data storage, electronic materials, and solar cells
- Product range from bench-top high-performance AFM-only microscopes to integrated high-end AFM/optical microscopy (OM) combinations, to large floor-standing AFM/OM combinations for 300mm wafer characterization
- Annual revenue ~$3M, expected to grow with Bruker AXS global distribution and service
- The global SPM market had an estimated total market size of >$200 million in 2007

NANOStation II combines AFM and OM in a very compact set-up

➔ 3. Bruker is investing heavily in new break-out opportunities for fast growth and high margins

Bruker Daltonics CBRNE Detection
Entering the BWA and Explosives Detection Markets

- CBRNE Detection for Defense, Homeland Security and Environment
- Large Opportunity in CWA/TIC Facilities Monitoring (DHS Phase III)

RAID-M
Portable IMS for CWAs and TICs gas/vapor detection

BioProfiler
MALDI-TOF BWA and microorganism identification

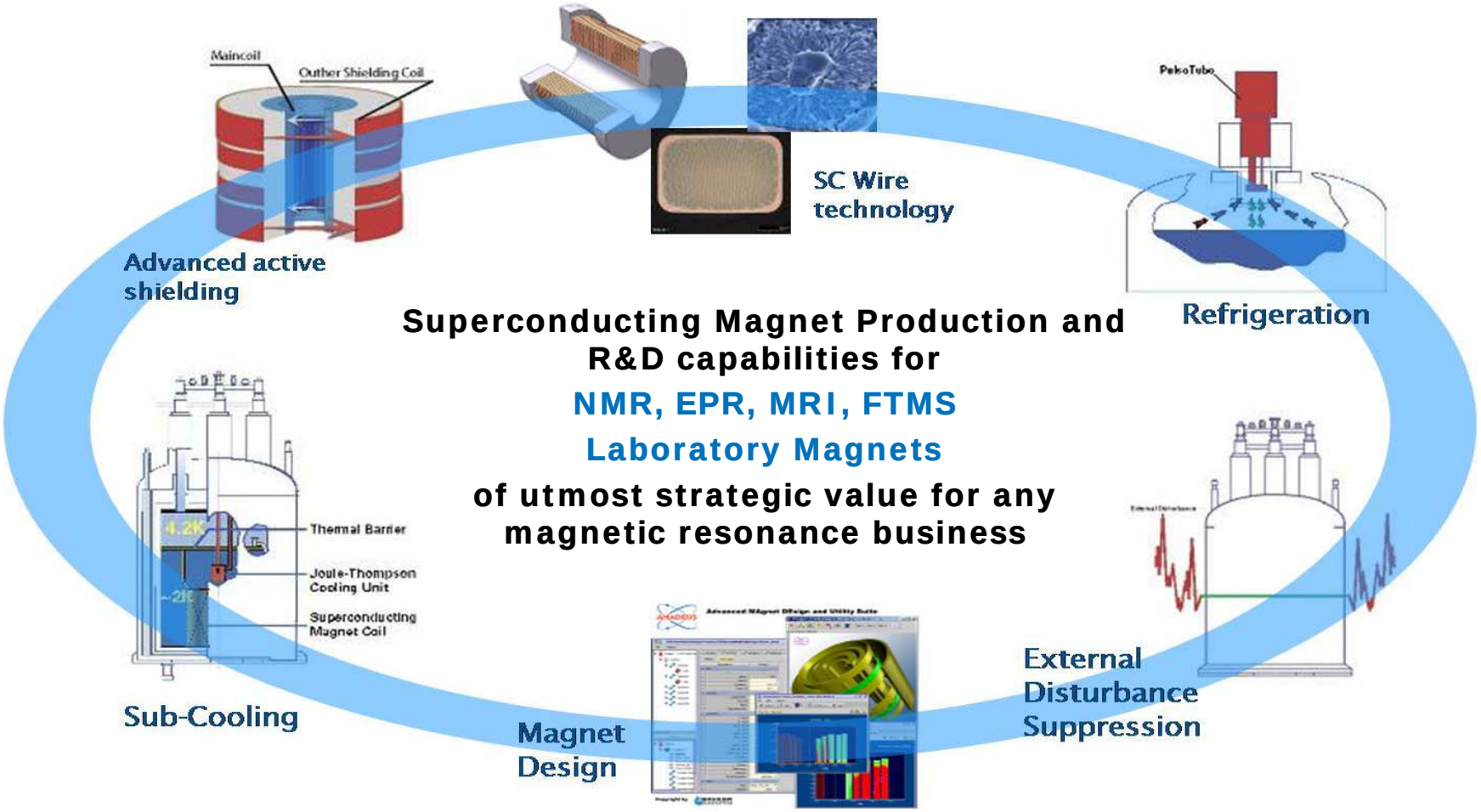
NEW HAWK FR
Stand-off detector for chemical cloud detection

NEW Mobile-IR
Portable FT-IR for white powder identification in homeland security

➔ 3. Bruker is investing heavily in new break-out opportunities for fast growth and high margins

Bruker BioSpin Superconducting Magnet Technology

Entering Market for Next-generation High-field MRI Magnets



➔ 3. Bruker is investing heavily in new break-out opportunities for fast growth and high margins

Bruker Advanced Supercon Business:
Superconductors and HTS Devices for Improved Energy Efficiency and Storage, Large-Scale Physics and Fusion Research

- Advanced low-temperature superconducting (LTS) wires for clinical MRI, NMR, EPR and FTMS magnets
- LTS wires for magnets used in physics accelerators or nuclear fusion projects
- Medium-temperature superconductors (MTS) MgB2 wires for future cryofree MRI magnets
- 1G BSSCO and 2G YBCO high-temperature superconductors (HTS) and cables
- Next-generation industrial magnets: partnerships for HTS industrial motors & generators
- HTS Devices, e.g. new Superconducting Fault Current Limiters (SFCL) for energy grid stabilization, high-energy and MRI HTS Current Leads (CL), SMES, etc.

➔ 3. Bruker is investing heavily in new break-out opportunities for fast growth and high margins

New Bruker BioSpin Product: HyperQuant™

Unique TD-NMR to Quantify Hyperpolarization for MRI R&D

- precisely quantifies magnetic hyperpolarization and thermal polarization
- ***HyperQuant*** applies time-domain (TD-) NMR
- Hyperpolarization is an exciting new MRI molecular imaging research method

HyperQuant **bench-top TD-NMR**

➔ 3. Bruker is investing heavily in new break-out opportunities for fast growth and high margins

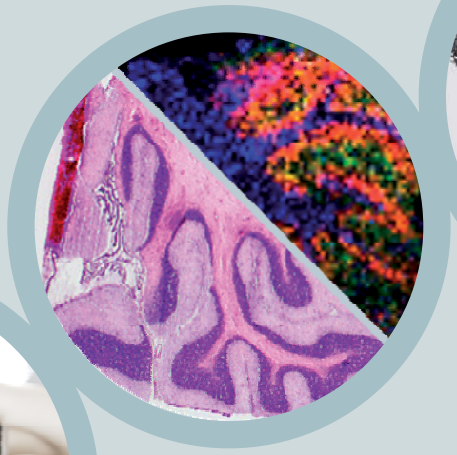
Bruker Daltonics MALDI Molecular Imager™

MALDI Tissue Imaging and Molecular Histology

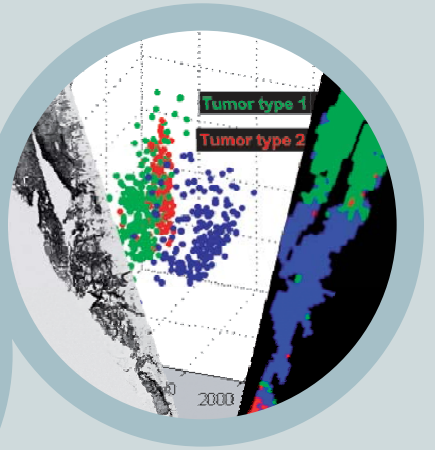
Complete MALDI Molecular Imaging Solution:

- for proteins, peptides, lipids, small molecules
- New: FTMS Imaging of drugs and metabolites in tissues at therapeutic dosing levels

ImagePrep™ Sampling Robot



FlexImaging Software



ClassImaging Algorithms

autoFlex™ MALDI-TOF (/TOF)
or apex-ultra™ MALDI-FTMS
with proprietary smartbeam™ laser

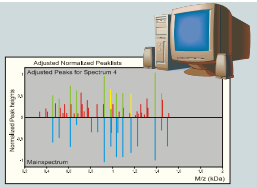
➔ 3. Bruker is investing heavily in new break-out opportunities for fast growth and high margins

MALDI Biotyper™ for Microorganism ID with Proteomics

Fast, highest quality ID and Classification at Low Cost

- Highly specific species ID of bacteria, fungi
- Mixture detection
- Minimal sample prep, fast results
- Proprietary, high quality protein fingerprint database
- Low cost/analysis (compared to biochemical or PCR)

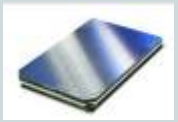
Species ID



Data interpretation

Generate MALDI-TOF profile spectrum

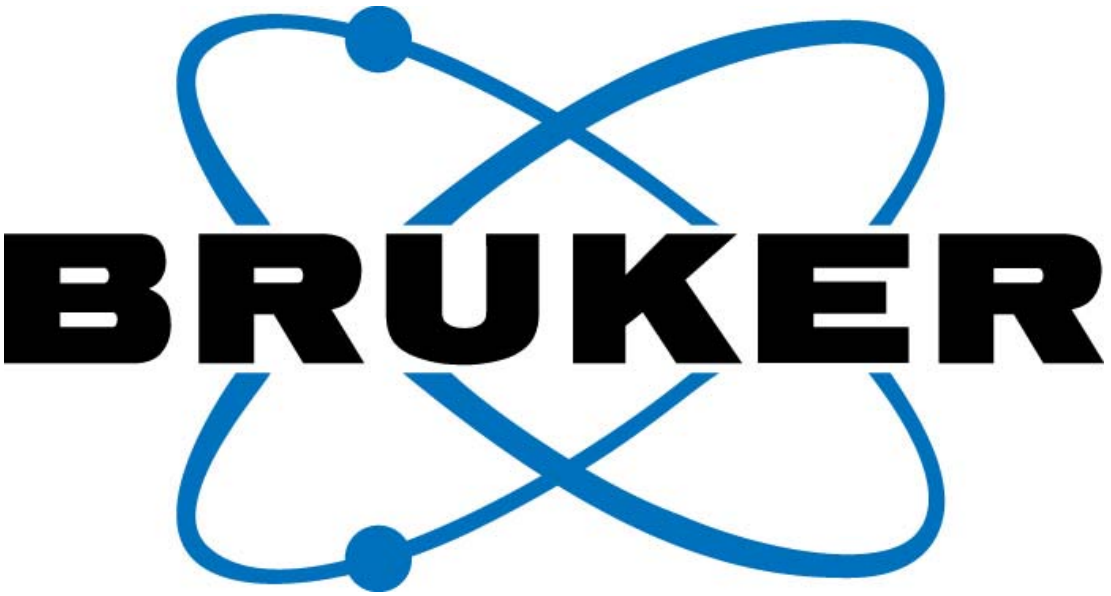
Prepare onto MALDI target



Select a colony

Unknown microrganism

?



www.bruker.com