



Technical Documentation for MRI - Systems

For selection press the Button

PharmaScan[®]
System
overview

BioSpec[®]
System
overview

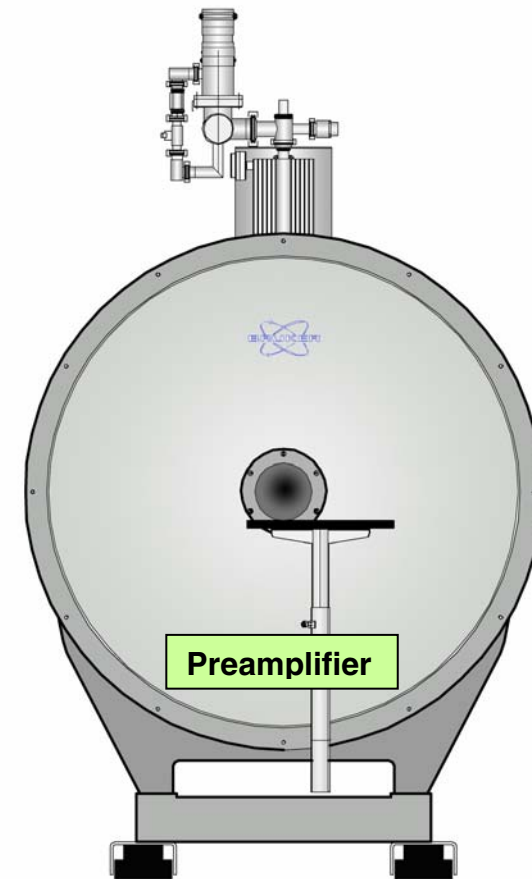
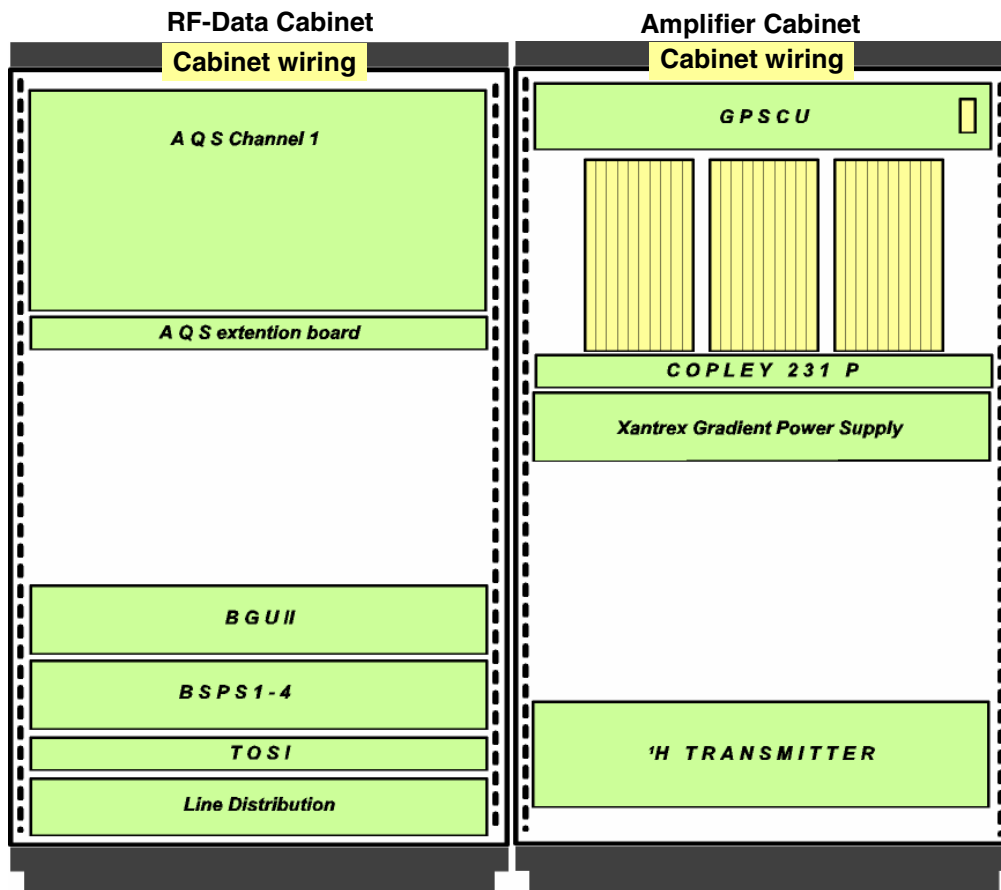
BioSpec[®] vertical
System
overview





Back to the first page

System Interconnection
Magnet / Gradient
Probes and Animal Handling
Additional Components



AQS Unit	Doc No:	RF Transmitter	Doc No:
<ul style="list-style-type: none"> • AQS Mainframe • CCU • SGU • TCU • FCU • RCU • HADC/2 • PSD3 • VME Backplane • Service Manual • RS232 extension board • AQS Wiring • AQS GCU3 Board 	<ul style="list-style-type: none"> T01723 T01724 T01723 T01725 T01768 T01727 T01728 T01729 T01730 T01734 T01766 T01769 T01828 	<ul style="list-style-type: none"> • LPPA 2005 (200 MHz Version) (T7023) • LPPA 3004 (300 MHz Version) (T6772) • BLAX 500 & BLAX 300 	<ul style="list-style-type: none"> T01416 T01526 T01842
		Magnet / Gradient: Bruker Magnet	Doc No:
		<ul style="list-style-type: none"> • B-C 70/16 Operating Manual • B-C 70/16 Safety Instructions • BMU Monitoring Unit User's Manual 	<ul style="list-style-type: none"> T01639 T01805 T01731
		Magnet / Gradient: Magnex Magnet	Doc No:
		<ul style="list-style-type: none"> • M-C 47 / 16AS Installation and Service Manual • M-C 70 / 16AS System Manual • M-C 70 / 16AS Operating Data • Helium Level Monitor (Model E5011) • Helium Level Monitor (Model E5031) • Emergency Discharge (Model E7001) • Horizontal Bore (Installation & Service) 	<ul style="list-style-type: none"> T01529 T01449 T01716 T01092 T01349 T01450 T01242
GPSCU	Doc No:		
<ul style="list-style-type: none"> • Operating Manual • Wiring and drawings 	<ul style="list-style-type: none"> T01130 T01060 		
Gradient Amplifier	Doc No:		
<ul style="list-style-type: none"> • Copley 231P (O001018) • Gradient Power Supply 150V/8A (40A) • Gradient Power Supply 150V/18A (100A) 	<ul style="list-style-type: none"> T00537 T01575 T01542 		
		Magnet / Gradient: Cold Water System	Doc No:
		<ul style="list-style-type: none"> • Neslab Chiller 	<ul style="list-style-type: none"> T01681
		Magnet / Gradient: Gradient Systems	Doc No:
		<ul style="list-style-type: none"> • Installation and Operation Guide 	<ul style="list-style-type: none"> T01722

back to the
PharmaScan overview

Animal Handling

Doc No:

- PHS Rat Bed Body T01797
- PHS Rat Bed Head T01798
- PHS Mouse Bed Body T01800
- PHS Mouse Bed Head T01799
- Bio Trig T01738
- Bio Trig Quick Guide T01814

Additional Components

Doc No:

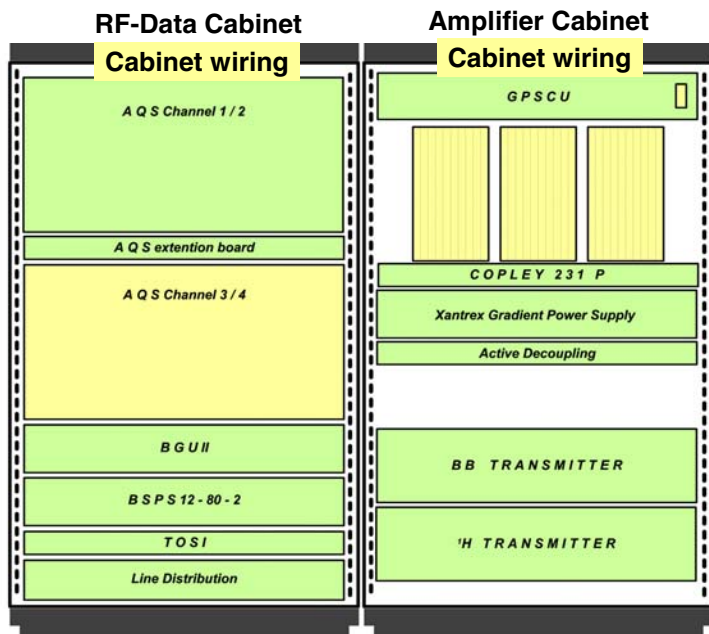
- Uninterruptible Power Source (UPS) T01354

BioSpec[®] overview:

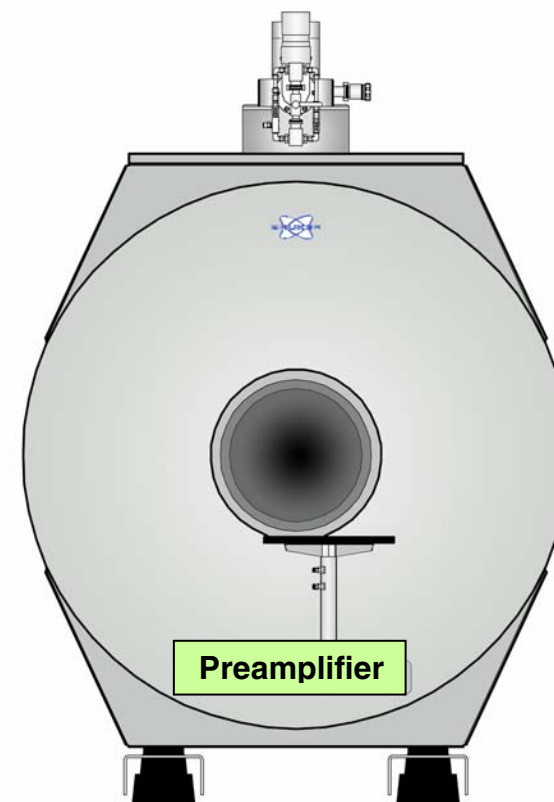
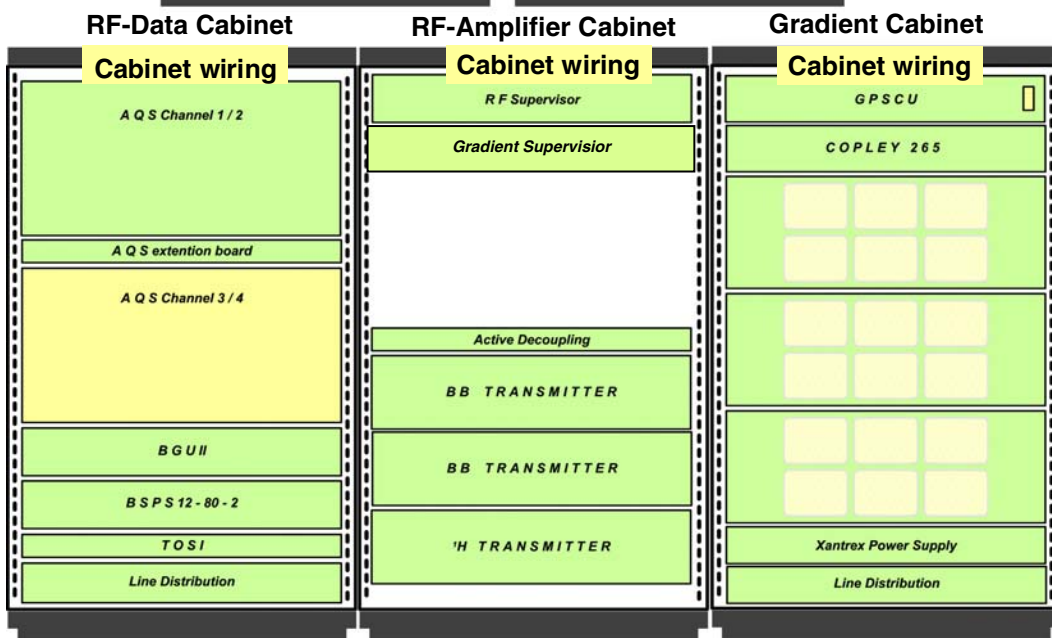
Technical and Service Manuals



Back to the first page



Main Distribution
 System Interconnection
 Magnet / Gradient / Cold Water
 Probes and Animal Handling
 Additional Components



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back to the
BioSpec overview

<p>AQS Unit</p> <ul style="list-style-type: none"> • AQS Mainframe • CCU • SGU • TCU • FCU • RCU • HADC/2 • PSD3 • VME Backplane • Service Manual • RS232 extension board • AQS Wiring • AQS GCU3 Board 	<p>Doc No:</p>	<p>RF-Supervisor</p> <ul style="list-style-type: none"> • Multi Channel • RFCU / HPRU <p>RF Transmitter</p> <ul style="list-style-type: none"> • LPPA 2005 (200 MHz Version) (T7023) • LPPA 3004 (300 MHz Version) (T6772) • LPPA 13010 • LPPA 20010 • BLAH 1000 • BLAH 1000 • BLAX 1000 • BLAX 2500 	<p>Doc No:</p>
<p>GPSCU</p> <ul style="list-style-type: none"> • Operating Manual • Wiring and Drawings (Copley 231P) • Wiring and Drawings (Copley 265P) 	<p>Doc No:</p>	<p>Preamplifier</p> <ul style="list-style-type: none"> • HPPR/2 • Baseplate Multi RX • HP Filter for Decoupling 	<p>Doc No:</p>
<p>Main Distribution</p> <ul style="list-style-type: none"> • Line Power Distributor 19 kVA • Line Power Distributor 23 kVA 	<p>Doc No:</p>		



back to the
BioSpec overview

Magnet / Gradient: Magnex Magnets

Doc No:

- M-C 70 / 21AS Specifications
- M-C 70 / 21AS System Manual
- M-C 94 / 21AS Specifications
- M-C 94 / 31AS System Manual
- Helium Level Monitor (Model E5011)
- Helium Level Monitor (Model E5031)
- Emergency Discharge (Model E7001)
- Emergency Discharge (Model E7002)
- Horizontal Bore (Installation & Service)
- Magnex Safety Considerations

- T01578
- T01835
- T01806
- T01832
- T01092
- T01349
- T01450
- T01091
- T01242
- T01833

Magnet / Gradient: Bruker Magnets

Doc No:

- B-C 47/40 User's Manual
- B-C 70/30 User's Manual
- BMU Monitoring Unit Technical Manual
- Refrigerator Cryomech CP 090

- T01807
- T01808
- T01813
- T01811

Magnet / Gradient: Cold Water System

Doc No:

- Heat Exchanger B-ER 090
- Neslab Chiller

- T01530
- T01681

Magnet / Gradient: Gradient Systems

Doc No:

- Installation and Operation Guide

- T01722

Probeheads / Animal Handling

Doc No:

- Receive Coil for Mouse Brain
- Receive Coil for Rat Brain
- Slider System and Animal Bed
- Rat Bed Body 60 trapez
- Mouse Bed Body 38 trapez
- Rat Bed Head 38 trapez
- Mouse Bed Head 23 trapez
- Rat Bed Body 60 slider
- Rat Bed Head 38 slider
- Mouse Bed Body 38 slider
- Mouse Bed Head 23 slider
- Bio Trig
- Bio Trig Quick Guide

- T01737
- T01718
- T01770
- T01771
- T01772
- T01773
- T01774
- T01775
- T01776
- T01777
- T01778
- T01738
- T01814

Additional Components

Doc No:

- Uninterruptible Power Source (UPS)
- O2 Supervisor
- O2 Supervisor
- B0 Compensation
- Micro Imaging Resonator

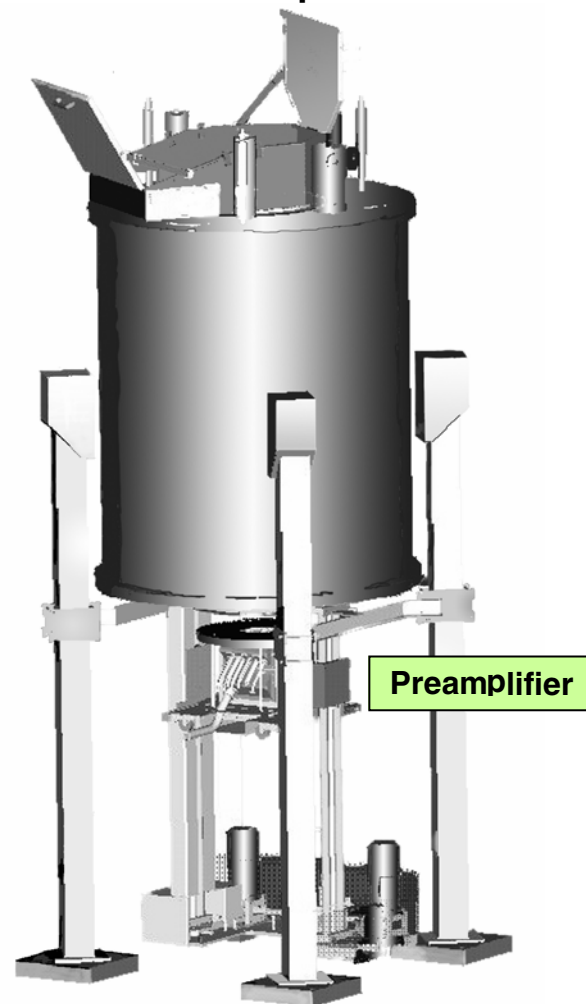
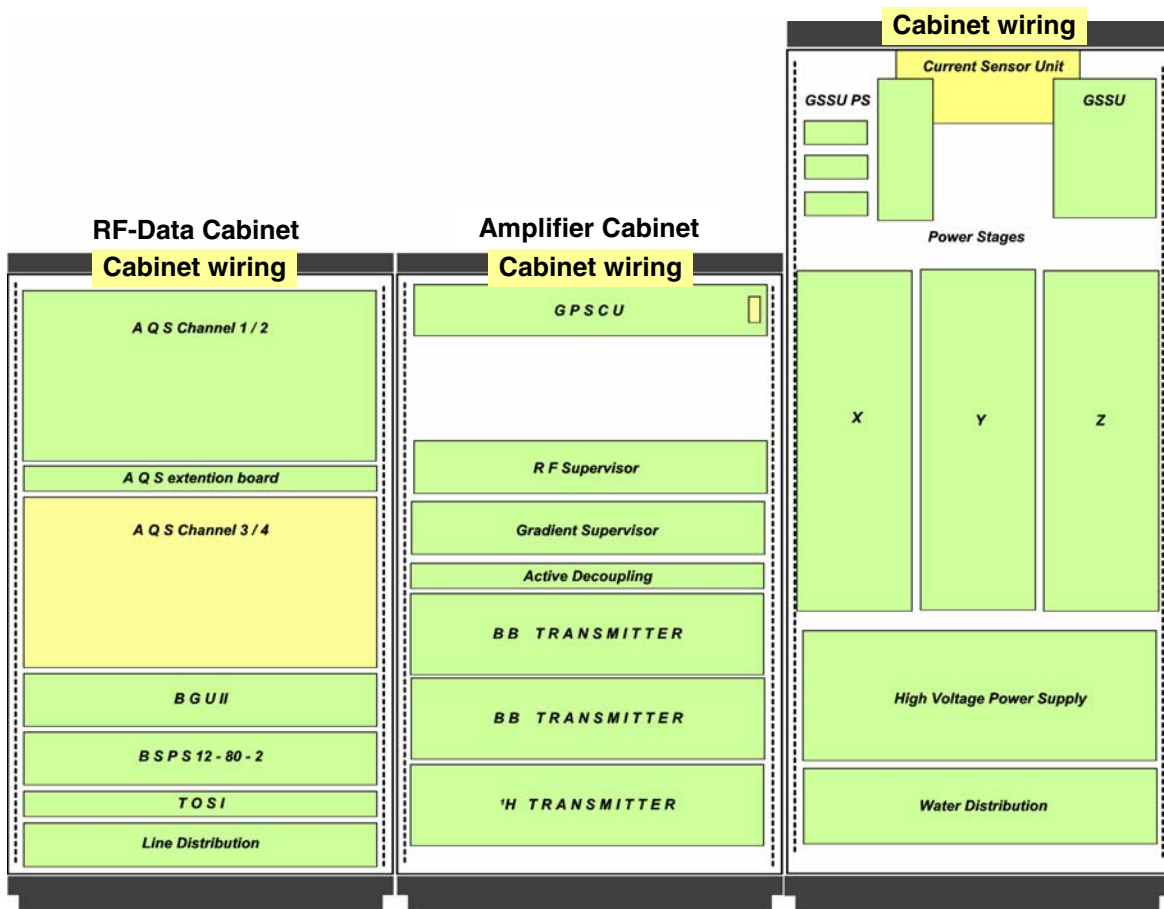
- T01354
- T01461
- T00569
- T01551
- T01804



Back to the first page

Main Distribution
 System Interconnection
 Magnet / Gradient / Cold Water
 Probes and Animal Handling
 Additional Components

Amplifier Cabinet B-GS 2000/500



back to the
BioSpec vertical overview

AQS Unit

Doc No:

- AQS Mainframe
- CCU
- SGU
- TCU
- FCU
- RCU
- HADC/2
- PSD3
- VME Backplane
- Service Manual
- RS232 extension board
- AQS Wiring
- AQS GCU3 Board

- T01723
- T01724
- T01723
- T01725
- T01768
- T01727
- T01728
- T01729
- T01730
- T01734
- T01766
- T01769
- T01828

RF-Supervisor

Doc No:

- Multi Channel
- RFCU / HPRU

- T00944
- T01058

RF Transmitter

Doc No:

- LPPA 13010
- LPPA 20010

- T01503
- T00947

Preamplifier

Doc No:

- HPPR/2
- Baseplate Multi RX
- HP Filter for Decoupling

- T01790
- T01790
- T02299

GPSCU

Doc No:

- Operating Manual
- Wiring and Drawings
- Wiring and Drawings (Copley 265P)

- T01130
- T01752
- T01753

Main Distribution

Doc No:

- Line Power Connector
- Line Power Distributor 29 kVA Var. 11
- Line Power Distributor 29 kVA Magnex

- T01565
- T01574
- T01573

[back to the
BioSpec vertical overview](#)

Magnet / Gradient: Magnex Magnets

Doc No:

- M-C 47 / 60VAS Operating Manual
- M-C 47 / 60VAS Specifications
- M-C 70 / 60VAS Operating Manual
- Helium Level Monitor (Model E5011)
- Helium Level Monitor (Model E5031)
- Emergency Discharge (Model E7001)

- T01801
- T01827
- T01638
- T01092
- T01349
- T01450

Probeheads / Animal Handling

Doc No:

- Primate Chair and Trolley
- Animal Support Lift
- Animal Support Lift Technical Manual
- Frequency Inverters Operating Instructions
- Frequency Inverters Positioning Control
- Frequency Inverters Operating Manual
- Bio Trig
- Bio Trig Quick Guide

- T01821
- T01657
- T01653
- T01655
- T01654
- T01656
- T01738
- T01814

Magnet / Gradient: Cold Water System

Doc No:

- Neslab Chiller
- Neslab Heat Exchanger

- T01681
- T01822

Additional Components

Doc No:

- Uninterruptible Power Source (UPS)
- O2 Supervisor
- O2 Supervisor
- B0 Compensation
- Ground Anchor Plate M-C 47 / 60VAS

- T01354
- T01461
- T00569
- T01551
- T01831