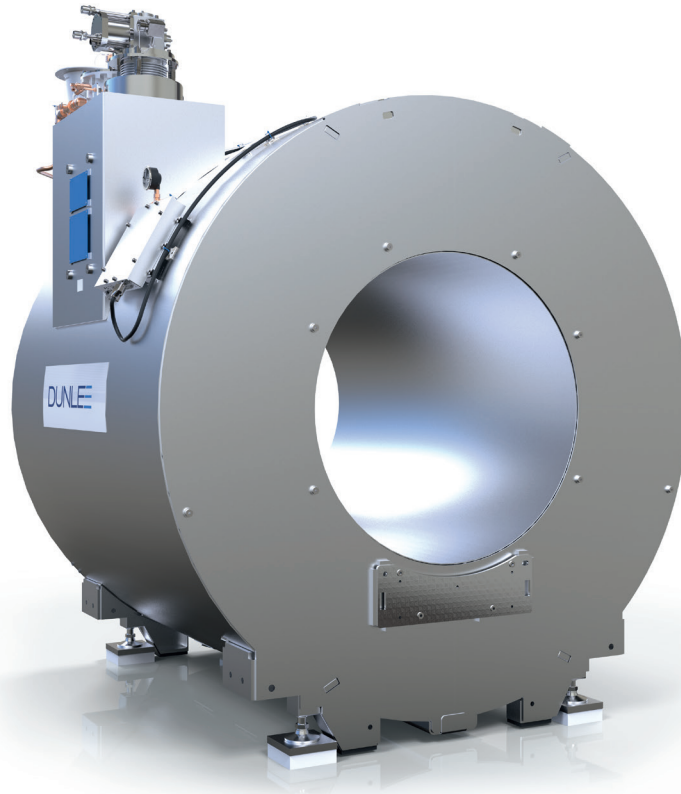


TRUE ZERO BOIL OFF MAGNETS, LARGE BORE PORTFOLIO



The **1.5 & 3.0 Tesla large bore** superconducting magnets are true zero boil-off magnets designed to enhance the patient experience. With the larger bore, patients with a higher BMI or claustrophobia can be scanned more comfortably. Being at ease during imaging minimizes body movements, therefore increasing quality, reducing throughput time, and preventing the need for re-scans. Our magnets fulfill all of the latest regulatory and environmental standards for global siting.

KEY FEATURES

- True zero-boil-off
- 93cm clear bore
- Side turret, reducing ceiling height requirement
- Lowest comparable weight in the industry
- Installation flexibility
- Field decay <0.1ppm/hr
- Sumitomo cryo refrigeration-system
- Excellent homogeneity
- Allows for remote magnet health monitoring

KEY BENEFITS

Customization

- Customizable mechanical interface design to meet customer MR system integration design criteria

Development partner

- We believe in development of long-term partnerships that benefit both parties on all aspects
- We have more than 10 years of experience in supporting MRI OEM partners

Support

- Global presence and coverage, including access to the benefits of Dunlee Solutions+ program
- Compliant with latest standards such as ISO 9001/14001/45001, ASME, RoHS, PED/CE & U/L magnet certifications

Specifications	1.5 T Type 4000	3.0 T Type 6000
Dunlee coding	side turret	side turret
Field Strength	1.5T	3.0T
Cryogenic System	true zero boil off	true zero boil off
Clear bore-size	930 mm	930 mm
Size of Homogeneous Volume	500 x 500 x 450 mm	500 x 500 x 450 mm
Length (without interfaces)	1,500 mm	1,620 mm
Width	1,880 mm	1,880 mm
Minimum Ceiling Height	2,560 mm	2,560 mm
Mass with 100% LHe Fill (unpacked)	3,060 kg	4,940 kg
Liquid Helium Capacity	1,480 liters	1,475 liters
Housing material	stainless steel	stainless steel
Shimming type	gradient	gradient
Shims	passive (optinal)	-
Shimmed uniformity	20 ppm peak to peak on 50 x 50 x 45 cm volume and 3 ppm peak to peak on 38 x 38 x 32 cm volume measured on 24 planes	20 ppm peak to peak on 50 x 50 x 45 cm volume and 3 ppm peak to peak on 39 x 39 x 32 cm volume measured on 24 planes

We are proven magnet experts, with over 40 years of experience in the design, development and manufacturing of superconducting magnets. As from the introduction of the MRI technology back in the late 70's, we are leading and constantly driving the next innovation to benefit the entire

value chain, from system-designer to the patient. This experience, along with our 450+ dedicated employees and a 18,000-square-meter high-tech manufacturing facility, allows us to focus on quality and precision in order to decrease time to market and minimize life cycle costs.

DUNLEE SOLUTIONS+

In addition to the high quality superconducting magnets, Dunlee offers the Dunlee Solutions+ program. Dunlee Solutions+ enables tailor made solutions in magnet service support and

training. This offers expert magnet service support as needed, but also building up the customer's internal magnet service talent to support their own end customer's.

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Contact us for further information.

Philips Medical Systems DMC GmbH
 Tel.: +49 40 34971-1391
 E-Mail: marketing.dunlee@philips.com
 Röntgenstrasse 24 • 22335 Hamburg • Germany

dunlee.com