

Agilent Animal Positioning Unit

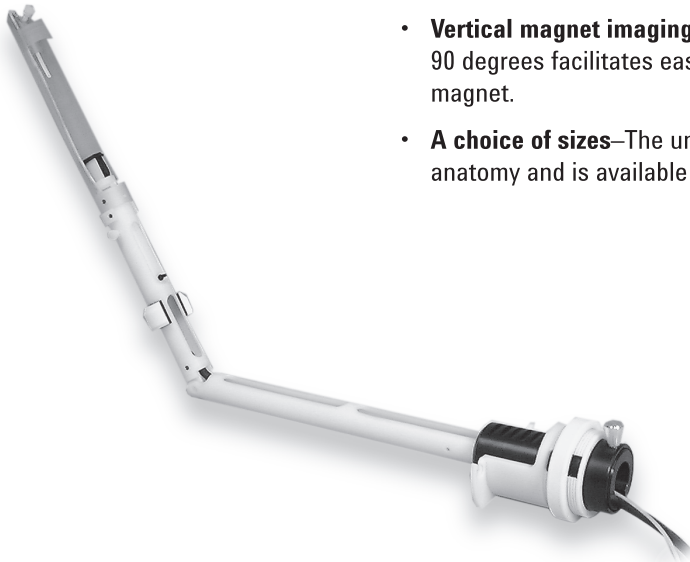
Data Sheet

Introduction

The Agilent animal positioning unit allows researchers to use vertical magnets for the purpose of imaging small animals. It offers a choice of sizes and an array of features to ensure reproducible images and control experimental parameters.

Key Benefits

- **Reproducible results**—Stereotactic coordinates ensure highest positional reproducibility. Provision for life support and monitoring systems allows for total control of experimental parameters.
- **Vertical magnet imaging**—Elevator with a hinge lock at 0 degrees and 90 degrees facilitates easy insertion of an animal into the bottom of a vertical magnet.
- **A choice of sizes**—The unit is designed with a careful consideration of animal anatomy and is available at two diameters—30 mm and 40 mm.



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Components

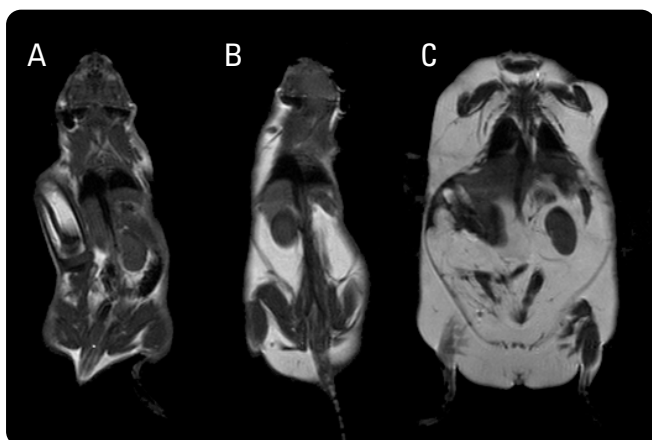
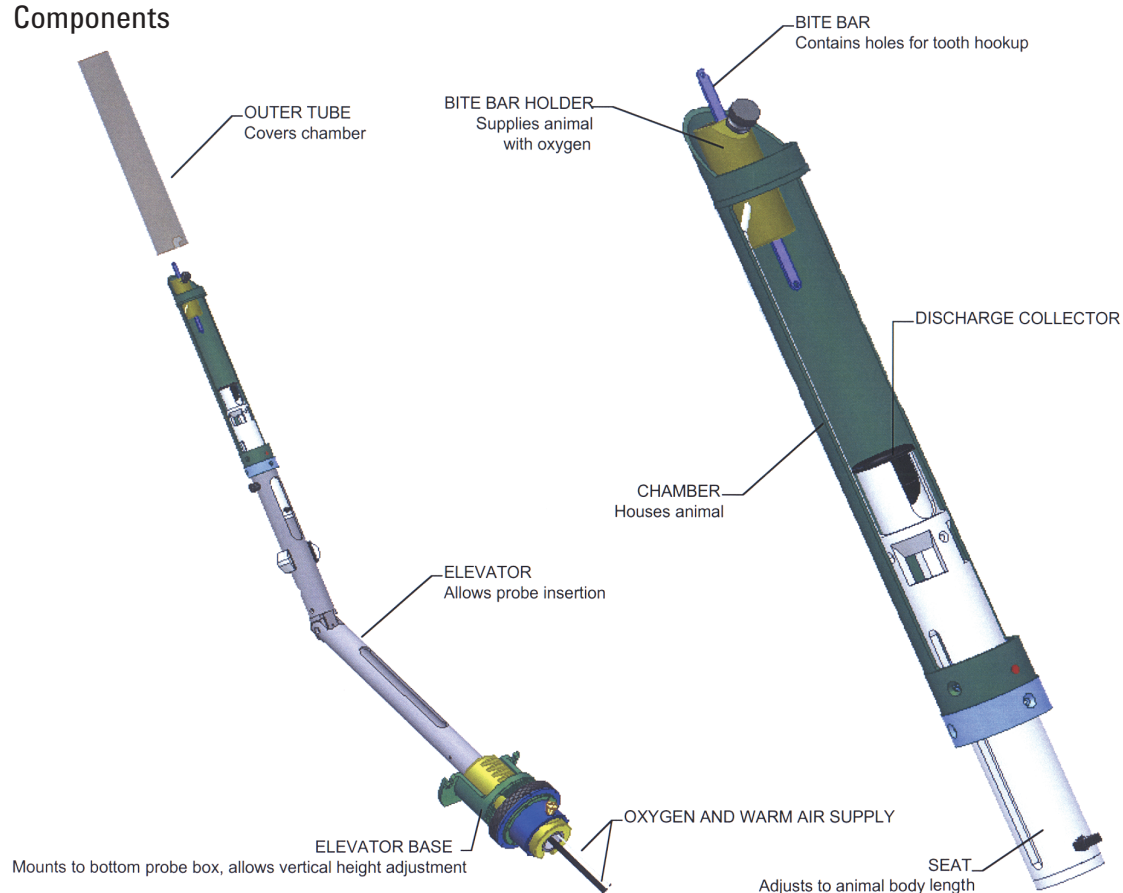


Figure 1

Images of a normal, 22 g mouse (A), genetically obese mouse, 65 g (C), and obese mouse treated with a diet drug (B) are visualized using T1-weighted spin echo sequences, emphasizing the body fat. 4.7 T horizontal system, quadrature mouse body coil.

Ordering Information

Description	Part number
Vertical animal positioning unit for 55/40 mm probe	01-909908-00
Vertical animal positioning unit for 45/30 mm probe	01-909911-00
Horizontal animal positioning unit for 55/40 mm probe	01-909913-00
Horizontal animal positioning unit for 45/30 mm probe	01-909915-00

Please contact your local Agilent sales representative for pricing information.

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