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Pulmonary Alveolus Model, 1000X Enlarged

Item No. MG20099
Weight 5.5 lbs
Make: Nasco Healthcare, USA

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SKU:

Categories:Lung Models



Product Description

This highly detailed model represents a magnified view of a pulmonary alveolus enlarged approximately 1000 times hand-painted and numbered for easy identification. The model accurately illustrates the alveolar wall blood vessels epithelial covering and elastic and muscular elements. The separation of arterial and venous vessels is clearly displayed at this magnification level enhancing anatomical understanding. Pulmonary alveoli are small air sacs that form the smallest functional unit of

the respiratory system. They are located inside the lungs at the end of the bronchioles which stem from bronchial branches. Each alveolus is connected to bronchiole branches. Designed to provide a comprehensive study of alveolar structure this model highlights the thin epithelial layer supported by connective tissue rich in capillaries. The alveolar wall is shared between two adjacent alveoli forming what is known as the interalveolar septum. Accompanying an interactive 3D anatomical model with augmented reality is a great tool to encourage learning and support. This platform allows students to engage in comparative analysis of anatomical models as they compare and contrast the structure of individual organs. This initiative also provides a platform for continuing education providing opportunities for all students to increase their knowledge of anatomy physiology and pathophysiology. One-Year Warranty Ship Weight (LBs): 5.5 lbs. Dimensions. (Inches): 5.91 x 4.72 x 9.84