



BoS 16/1 • PLANT CELL

Enlarged approximately 6,000 times, made from special transparent plastic. After Prof. Dr. W. Weber. The model provides a slightly schematic picture of a mature cell from the assimilation tissue of a plant. It combines both light and electron microscope aspects and shows the cell components mostly with their electron microscopic structure. In addition to the layering of the cell wall it shows the configuration of the cytoplasm and the essential cell organelles, such as the nucleus, chloroplasts, mitochondria, endoplasmatic reticulum, dictyosomes, and ribosomes. The transparent material gives an insight into the structures behind the section thus eliminating the need for dismantling the model. The base represents the neighbouring cells. On a transparent base. In one piece. Height: 35 cm, width: 30 cm, depth: 26 cm, weight: 1.7 kg