

VERTEBRATE SPECIMEN CASES
(Model VPL)

OUTSIDE DIMENSIONS: 47-3/4" high, 46-3/4" wide, 28" deep.

Case Construction: Case unit is to be composed of an outer case; inner framework and an inner shell onto which tray angles are spot welded.

Steel Thickness: Framework and inner shell give the necessary rigidity and strength to the case. The entire assembly is to be spot welded and gas welded together. Rivets and screws to be used only where shown on print. Case top and bottom are to be constructed from not less than 20 ga. steel, flanged downward on all four (4) sides and inward at the front and is to be spot welded to the case sides and back. Case uprights are to be constructed from not less than 18 ga. steel with the front edge formed into a channel section and the rear edge flanged the full height.

Top and bottom edges are to be offset to the 20 ga. thickness of the top and bottom plates. Back shall be constructed of 20 ga. steel and spot welded to case uprights. All four (4) corners of the top and bottom plates are to have wrap-around corners.

Case interior framework is to be constructed as specified below:

Front channel uprights will be not less than 16 ga. steel and the center and back box channels not less than 16 ga. steel. Top and bottom front channel is to be constructed from one piece of 16 ga. steel. Center and back box channels are to be made from 16 ga. steel. Top and bottom channels are arc-welded to side upright channels for rigidity.

Inner shell is to be constructed from 18 ga. steel; each side of inner shell to have 18 tray angles spot-welded on 2" centers. Inner shell is to be pop riveted to the interior skeleton channels. Back inner shell to be constructed of 20 ga. steel flanged on all four (4) sides.

Side inner shell flanges to be pop riveted to inner shell back. Top and bottom inner shell are to be constructed from 20 ga. steel flanged on all four (4) sides. Side inner shell to be pop riveted to inner top and bottom shell.

Angles are to be made from 20 ga. steel, 90 degree flange and 180 degree flange on bottom of angle.

Doors to be made from 14 ga. 5052-H32 M.F. Aluminum. There shall be a 3/4" flange on the top and two sides with 1/2" inward flange. Locking channel shall be applied by pop rivet at the bottom of aluminum doors. Doors to be equipped with two (2) friction type, nickel-plated, steel sash locks.

Trim:

Label holder shall be made from 24 ga. furniture steel. Door catches to be made from steel; finish to be nickel-plated. Locks, when specified, are chrome plated, National Lock Co. #Special 68-494.

Material:

All material used shall be the best adapted to the construction for which it is employed. Steel throughout is to be the best steel, cold rolled, full pickled, double annealed, stretcher leveled or equivalent, and free from scale. It shall be of the grade known as "furniture steel". All gauges to be U.S. Standard, or heavier decimal gauges.

Trays - Shall be 20 gauge, 20 1/4" wide x 25 1/2" deep x 1-5/8" high; finish and construction to match above cabinets. Also available with same dimensions, except 3 5/8" high. Also available in both of these sizes, except in a non-tip configuration. Please specify.

FINISH:

All corners are rounded; exposed edges shall be deburred.

All materials in the cases are power washed, phosphatized, sealed and rinsed. Surfaces are finished with non-reactive solvent-free powder coating which is electrostatically applied and baked to a hard finish.

It has no off-gassing of formaldehyde and organic acid as compared to the solvent base paints.

We feel this is the best metal preparation and finish that can be provided.

GUARANTEE:

Defects in design, materials or workmanship that occur within seven (7) years of completion shall be remedied by the manufacturer at no expense to the owner.