

Basic Detail Report



Grand piano

Date

1767

Primary Maker

Joaquim José Antunes

Description

The Antunes family held an enviable position in the 1760s, having received a royal writ in 1760 which granted them the sole privilege of piano manufacture and commerce in Portugal for a period of ten years. The interior of this remarkably preserved piano is veneered in Brazilian tulipwood. The piano has a Cristofori-type action and a hand-operated una corda. Compass: C-d3 (4+ octaves, 51 notes). Boxwood naturals, ebony over rosewood accidentals. Spruce soundboard with grain parallel to spine; unvarnished. Stringing: bichord throughout.

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Dimensions

Length including molding: 2305 mm Width: 858 mm Overall height : 857 mm Height of case: 223mm Spine thickness: 18mm Bentside thickness: 16.5mm Tail length: 232mm Angle of tail with spine: 88 degrees Bridge at treble: 12mm high, 10mm thick Hitchpin rail width: 40mm (except at the tail, where the left side of the hitchpin rail follows the curve of the bridge) Keyboard span: 490 mm Three-octave measure: 488mm Length of heads: 44mm Width of heads: 22mm String lengths: C: 1777mm c: 1048mm c1: 530mm c2: 271 mm c3: 133mm d3: 118mm Striking points: C: 138mm c: 102mm c1: 72mm c2: 44mm c3: 23mm d3: 21mm Gauge markings on wrestplank: 00 C 0 D 0 D# 1 e 2 f 2 d2 3 d#2 3 c#2 4 d2 Jacks: Total height: 33mm Height of capsel: 25mm Thickness of intermediate levers: 4mm Width of intermediate levers: 9.5 mm Hammer shank thickness: 4mm Length of hammer heads: 39mm Thickness of hammer heads: 2mm at center Width of hammer heads: 6mm (center), 12mm (head) Thickness of damper levers: 1.5mm