

# Basic Detail Report

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## Violoncello

### Date

1725-1750 ca.

### Description

This eighteenth century cello has back and sides made of willow or poplar, an alternative local wood used for larger violin-family instruments in Italy. Top: two-piece, quarter-cut spruce: wide grain Back: one-piece, slab-cut poplar or willow; one one pin through back into top block; Three wood pins through back into bottom block Ribs: slab-cut poplar or willow; one-piece lower rib Head: maple: plain Neck: maple: narrow curl Varnish: very dark red-brown; later Fingerboard: ebony; bevelled at C-string position; later Nut: ebony; later Tailpiece: ebony; later Tailgut: plain gut Pegs: four ebony with mother-of-pearl eyes and flat heads Saddle: ebony; later Endpin: ebony for use with steel pin; later F-holes: curved stems; curved, tapered wings Linings: poplar or willow; extend over corner blocks Corner blocks: poplar or willow Top block: spruce Bottom block: poplar or willow Bassbar: spruce

### Dimensions

Total violoncello length: 1130 mm Back length: 697 mm  
Upper bout width: 323 mm Center bout width: 209 mm  
Lower bout width: 408 mm Upper rib height: 111-114 mm  
Center rib height: 111-114 mm Lower rib height: 111-118  
mm Stop length: 378 mm Vibrating string length: 645 mm Neck length (bottom of nut to ribs): 266 mm