

# Basic Detail Report

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## Natural trumpet, D, C and B-flat

### Date

1996

### Primary Maker

Frank Tomes

### Description

Brass, sterling-silver garland, ferrules and ball. Four tuning shanks for D in  $a_1 = 435$  Hz, 430 Hz, 428 Hz, and 420 Hz; three U-bows of various lengths, two lowering the pitch by a hole tone and a minor third; four crooks for 1-tone, 1-1/4 tones, 1-1/2 tones, and 2-tone pitch lowering; six yards with four-vent-hole system, stamped D 440, D 430, D 415, C 440, C 430, and C 415; two tuning bits. This instrument is an uncompromising copy of a natural trumpet by Johann Leonhard Ehe III, Nuremberg 1746, at the Germanisches Nationalmuseum Nürnberg (MI 217). It has six alternative yards with English four-vent-hole system, and a set of tuning bits, shanks, and crooks for a

multitude of pitches.

### Dimensions

Height: 706 mm Tube length: 1980 mm etc. Bore diameter: 11.7 mm (initial), 10.6 mm (minimum) Bell diameter: 108 mm