

# Basic Detail Report

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## Tristan trumpet, C

### Date

2001

### Primary Maker

Andreas Schöni

### Description

Grenadilla (African black wood), black-stained maple (knee and bell), silver-plated brass (ferrules and valve),

straight with pear-shaped bell in six parts: first tube with baluster, second tube with valve segment, conical third, fourth, and fifth tubes, two-part knee and bell (fixed join), one Berlin valve, lowering the pitch by a whole tone, tuning is achieved at the chord-bound tenons between the tube segments. Silver trumpet mouthpiece, stamped: VINCENT BACH 3C Unmarked funnel-shaped horn mouthpiece, made by Rainer Egger, Basel, Switzerland. This instrument is a modified copy of a Tristan trumpet by Martin Lehner, Munich, from about 1913, owned and used by the opera house in Dresden; however, it is currently on loan to the Trompetenmuseum in Bad Säckingen, Germany. The original was modeled after a Tristan trumpet by the firm of Keller & Lehner, Munich, owned by the Bavarian State Opera House in Munich and used for performances of Tristan und Isolde. The present reproduction differs from the Dresden original in being slightly more conical, and having a larger diameter at the bell knee but a smaller bell. The modified bore was developed (with the help of the BIAS optimizer program by the Institut für Wiener Klangstil) to improve intonation problems of the original.

### Dimensions

Sounding length: 1121 mm Bore diameter (initial, minimum, valve slide): 11 mm, 9.9 mm, 10.4 mm Bell diameter: 63 mm