

Basic Detail Report



Trumpet, B-flat

Date

1835-1837 ca.

Primary Maker

Joseph Felix Riedl

Description

Brass, nickel-silver (garland, ferrules, valve parts), double loop with small coil forming the second and third bows, no tuning slide, three mechanical-linkage rotary valves (1, ½,

1½), internal stop with two cork buffers on inner cover plate, crescent-shaped opening for drive pin, clock-spring return with ratchet-and-pawl tension adjustment, windway 3-2-1. Brass mouthpiece with narrow rounded rim, funnel-shaped, trumpet-size shank. Knurled decoration on mouthpiece matches ferrule decoration; therefore the mouthpiece may be original to this trumpet. The rotary valve of Joseph Felix Riedl, patented in Vienna in 1835, is the basis of the modern rotary valve.

Dimensions

Height: 392 mm Tube length: 1357 mm Bore diameter (initial, minimum, valve slides): 11.4 mm, 10.3 mm, 10.6 mm Bell diameter: 120 mm