

Basic Detail Report



Trumpet, B-flat, A

Date

1940 ca.

Primary Maker

Friedrich Alwin Heckel

Description

Silver-plated brass, mother-of-pearl finger buttons, single loop, main tuning slide with quick-change to A stop rod at first bow, three Périnet valves (1, $\frac{1}{2}$, $1\frac{1}{2}$), top-sprung, spring inside hollow stem, alignment by three lugs on spring anchor plate, nickel-silver-plated brass pistons, elliptical ports at entrance, intervalve, and exit from valve segment, round valve-port loops, single water keys at main tuning slide and third valve slide, windway 3-2-1. Silver-plated brass trumpet mouthpiece, stamped: KARL FUCHS / 6 / 2. This trumpet was made in the late 1930s or in the 1940s, when Theodor Alwin Heckel (1883-1954) continued his father's workshop. Friedrich Alwin Heckel

(1845-1915) was no longer alive at that time. Périnet valve trumpets were rarely produced in the Heckel workshop. A former Heckel employee reported that during his entire time only one trumpet with Périnet valves was manufactured for a trumpeter of the Berlin Philharmonic. This may be that trumpet, but evidence is lacking. The elliptical cross-section of the intervalve passages, valve entrance and exit is unusual.

Dimensions

Height: 488 mm Tube length: 1323 mm Bore diameter (initial, minimum, tuning slide, valve slides): 11 mm, 9.6 mm, 11.44 mm, 11.32 mm Bell diameter: 107 mm