

# Basic Detail Report

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## Double-bell euphonium, B-flat, high pitch / low pitch

### Date

1910 ca.

### Primary Maker

H. N. White

### Description

Silver-plated brass, mother-of-pearl touchpieces. Three top-action, bottom-sprung piston valves. Double-bell activated by front-action 4th piston valve, also bottom-sprung. Fixed upright main bell. Directional and detachable secondary bell forward. Built in high pitch, with extra main tuning slide and slide markings for low pitch. Two water keys on main tuning slide and on 4th valve slide. One finger support inverted U-shaped brace

between 1st valve casing and main bell tubing. Lyre holder on outer branch of main tuning slide.

Secondary bell bumper plate on upper bow (cork or felt pad missing). Foliage engraving surrounding the signature on the main bell.

### Dimensions

- Footprint (LxWxD): 645 x 430 x 278mm - Main bell diameter: 278mm - Second bell diameter: 152mm - Tube length (main bell, high pitch): 2614mm - Tube length (main bell, low pitch): 2739mm - Tube length (second bell, high pitch): 2621mm - Tube length (second bell, low pitch): 2746mm - 1st slide: 339mm (HP); 375mm (LP) - 2nd slide: 170mm (HP); 180mm (LP) - 3rd slide: 576mm (HP); 614mm (LP) - Bore at mouthpiece receiver: 11.6mm - Minimum bore at mouthpiece receiver: 11.2mm - Bore at main tuning slide: 14mm - Bore at slides: 14mm - Bore at 4th slide: 14mm