

Basic Detail Report



Cornopean, B-flat, A, A-flat, F

Date

1854 ca.

Primary Maker

John August Köhler

Description

Brass, German silver, single loop, tuning slide between second and third valve, removable shanks and crooks, three disc valves (1, ½, 1½), fixed disc in relief, no cork buffers, round shaft, compression spring in long guide box. Original: crook for F Not original: two brass tuning bits with ears; two crooks of French origin, stamped “SII” [B-flat] and “LA · B” [A-flat]; and, silver plated brass mouthpiece, stamped “EMBOUCHURE RAYEE / GUILBAUT / BSGDG / COUESNON & C[IE] / 94 RUE D’ ANGOUÊME / PARIS / No. 1” This cornopean represents the final stage of disc-valve development. The guide boxes or tubes for the push rods—which had been used at least since the 1851 exhibition—may have provided the inspiration for

replacing the clock-spring return with a coiled compression spring inside these guide tubes.

Dimensions

Height: 334 mm Tube length: 1255 mm, 1399 mm, 1480 mm, 1514 mm, 1781 mm Bore diameter (initial, minimum, valve slides): 11.4 mm, 9.8 mm, 11.1 mm Bore diameter original F crook (initial, minimum): 9.4 mm, 8.8 mm Bell diameter: 122 mm