

Basic Detail Report



Cornet in B-flat, A, A-flat, G, F, E, E-flat, D

Date

1845 ca.

Primary Maker

Jean Louis Antoine Halari

Description

Brass, silver (ferrules, valve balusters, caps and finger buttons), double loop, tuning slide at second bow, removable leadpipe (shanks and crooks required), three Périnet valves (1, ½, 1½), top-sprung, spring inside hollow stem, screw alignment, removable baluster, pistons nickel-plated brass, modèle français, windway 3-2-1 Two shanks (not original) for B-flat (stamped SI), and A (stamped LA) Four original crooks for A-flat (engraved LA \flat), G (engraved SOL), F (engraved FA), and E (engraved MI \sharp) Coupler (engraved MI \flat & RÉ) for E-flat (together with FA crook) or D (together with MI crook) Two unsigned, completely funnel-shaped mouthpieces of silver (fits only into original crooks), and brass/silver (apparently, added for the non-

original shanks) Brass lyre, wooden case. This instrument is an interesting document from the workshop of the likely inventor of the cornet à pistons, Halary. The spelling of the name, Halari, suggests a date after 1840, under the leadership of Jean Louis Antoine, who changed the spelling of the name. An early version of the Périnet valve is used with features adopted from the Stölzel valve with horizontal screw alignment. The body shape is derived from the Stölzel valve cornet à pistons.

Dimensions

Height: 289 mm Tube length: 1240 mm, 1305 mm, 1385 mm, 1478 mm, 1550 mm, 1746 mm, 1873 mm, 1970 mm, 2097 mm Bore diameter (initial, minimum, tuning slide, valve slides): 11.7 mm, 10.1 mm, 11.2 mm, 11.7 mm Bore diameter (shanks and crooks: range initial, minimum): 9.6–9 mm, 8.7–8.4 mm Bell diameter: 122 mm