

# Basic Detail Report

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## Soprano cornet, E-flat

### Date

1877 ca.

### Primary Maker

Denis Antoine Courtois

### Description

Silver-plated brass, mother-of-pearl finger buttons, double loop in S-shaped formation, main tuning slide at second bow, removable leadpipe (shank stamped Mlb), three Périnet valves (1,  $\frac{1}{2}$ ,  $1\frac{1}{2}$ ), top-sprung, spring inside hollow stem, alignment by three unequal lugs on spring anchor plate, brass pistons, single water key at first bow, windway 3-2-1 Tuning shank stamped Mlb Unstamped German-silver cornet mouthpiece (not original). Cleaner with wooden knob stamped: ANTOINE / COURTOIS / PARIS Original case with lock stamped: PATENTED / SEPT 18 1877 The patent date on the case might suggest the manufacture of the cornet around 1877, since the case seems to be custom made for this instrument. Derived

from an earlier French B-flat cornet design with S-shaped leadpipe, Courtois' size reduction of this model for a soprano cornet in E-flat was widely copied by other manufacturers, and sold as "Courtois Model" E-flat cornet by firms such as C. Bruno & Son in New York and Lyon & Healy on Chicago in the 1890s.

### Dimensions

Height: 257 mm Tube length: 875 mm, 945 mm Bore diameter (initial, minimum, tuning slide, valve slides): 10.9 mm, 9.4 mm, 10 mm, 10 mm Bore diameter (shank, initial, minimum): 9.4 mm, 8.6 mm Bell diameter: 115 mm