



## Trumpet, B-flat

### Date

1997

### Primary Maker

Antoine Courtois

### Description

Brass, satin finish, nickel-silver (outer slides, valve stems), bell over bell (outside bell cut open on right, both bells sharing one rim), single loop, leadpipe with gap regulator and movable sound post (two telescoping tubes with spring), main tuning slide at first bow, three Périnet valves (1, ½, 1½), top-sprung, spring inside hollow stem, alignment by one lug on plastic spring anchor plate, nickel-silver-plated brass pistons, single water key at main tuning slide, trigger with pull-ring at first valve and with pull-ring and "easy ball stop" (protruding ball with spring in short tube) at third valve, windway 3-2-1. Silver mouthpiece covered with brass mantle. The Evolution II model is a continental European reaction to the heavy-

style Monette trumpet. The second bell has the purpose to neutralize the lateral vibration of the main bell to channel the sound outward. The movable sound post between leadpipe and the inner bell follows the idea that the position of this brace influences the quality of the sound. The gap regulator at the beginning of the leadpipe is based on the idea that the size of the gap between the end of the mouthpiece and the beginning of the narrowing step in the leadpipe also influences the sound. The covered mouthpiece is modelled after heavy mouthpieces by David Monette.

### Dimensions

Height: 481 mm Tube length: 1297 mm Bore diameter (initial, minimum, tuning slide, valve slide): 11 mm, 8.8 mm, 11.7 mm, 11.75 mm Bell diameter: 125 mm