



Overtone Chart for Euphonium B.C.

The differences between compensating and non-compensating instruments on fourth-valve combinations are clearly indicated.

Partial	0	2	1	1-2 3	2-3	4	2-4 1-2-3	Compensating: 1-4	Compensating: 1-2-4	Compensating: 2-3-4	Compensating: 1-3-4	Compensating: 1-2-3-4
12th Partial (Sharp--Lower Slightly)												
11th Partial (Very Flat--Unusable)												
10th Partial (Flat--Raise Slightly)												
9th Partial (Sharp--Lower Slightly)												
8th Partial (Normal)												
7th Partial (Very Flat--Unusable)												
6th Partial (Sharp--Lower Slightly)												
5th Partial (Flat--Raise Slightly)												
4th Partial (Normal)												
3rd Partial (Sharp--Lower Slightly)												
2nd Partial (Normal)												
Fundamental (Normal)												

Non-Compensating:
 1-2-4
 1-4
 Non-Compensating:
 2-3-4
 Non-Compensating:
 1-3-4
 Non-Compensating:
 1-2-3-4
 Non-Compensating:
 (Not present. False tones only.)