

BoGaChrom - Complex
 Rev. 170410a
 developed by Bodo Mysliwietz
 Germany

Ambient temp.: 25,0 °C
 Atmospheric press.: 101,325 kPa
 Software Type: MS

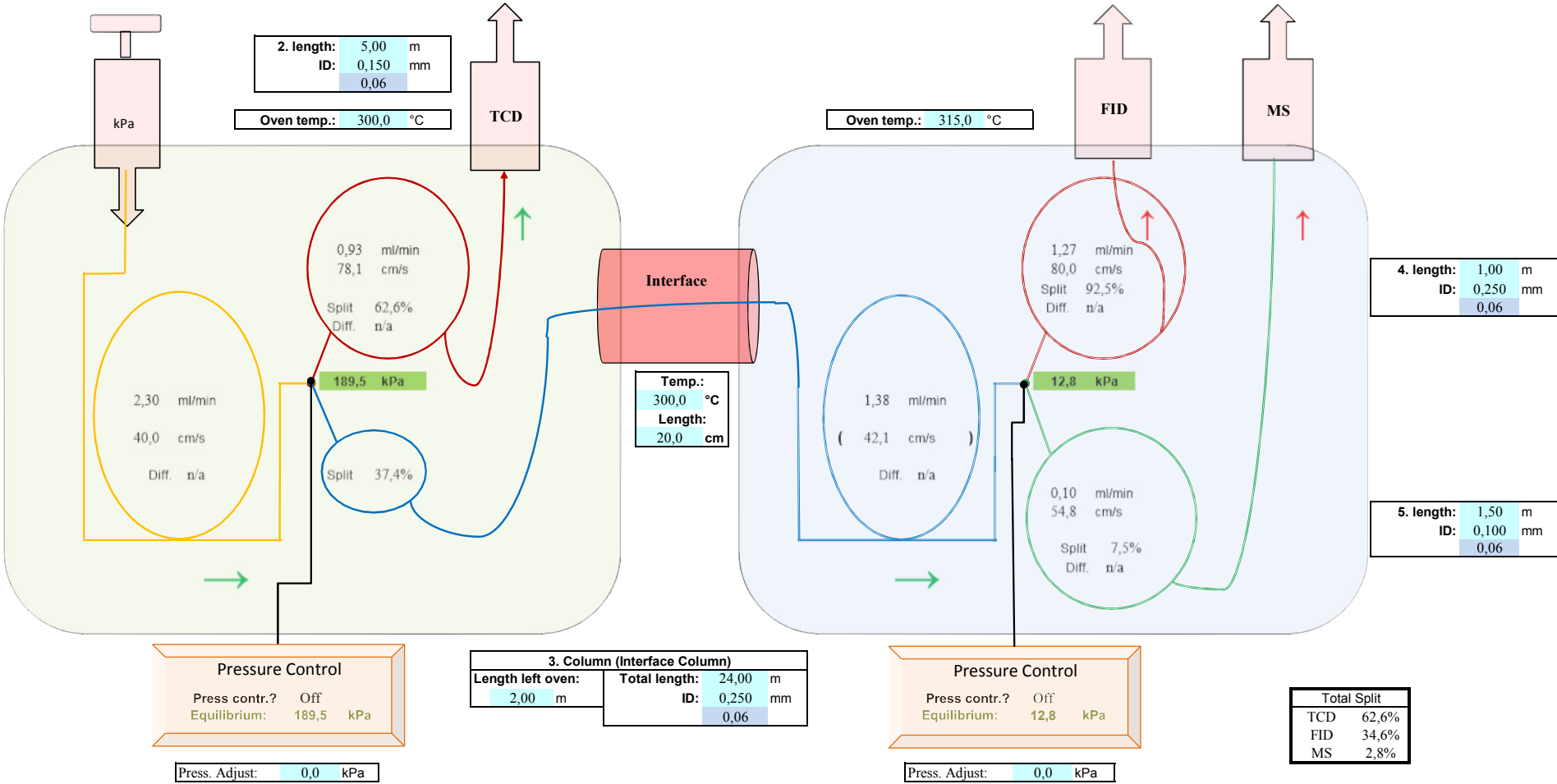
Gas type: Helium
 Inlet press.: 351,0 kPa
 1. length: 25,00 m
 ID: 0,250 mm
 0,06

Name: TCD
 Depth: 5,0 cm
 Temp.: 225,0 °C
 Internal press.: 101,325 kPa

FID	Name	MS
Interface		
7,0	Depth - cm	18,0
300,0	Temp. °C	275,0
Internal press.:		
101,325	<- kPa ->	0,000

2. length: 5,00 m
 ID: 0,150 mm
 0,06
 Oven temp.: 300,0 °C

Oven temp.: 315,0 °C



4. length: 1,00 m
 ID: 0,250 mm
 0,06

5. length: 1,50 m
 ID: 0,100 mm
 0,06

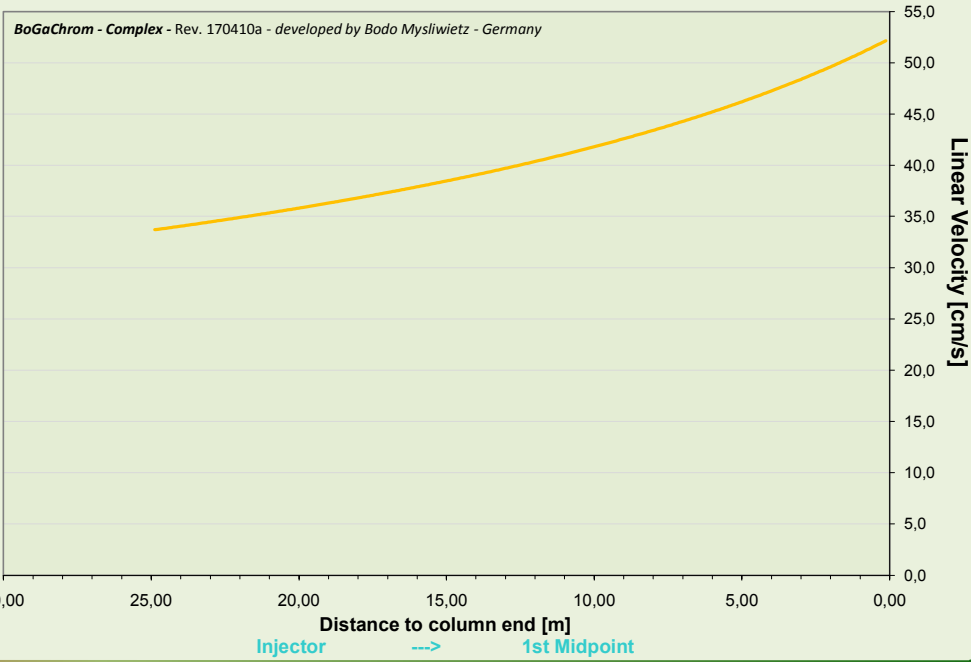
3. Column (Interface Column)
 Length left oven: 2,00 m
 Total length: 24,00 m
 ID: 0,250 mm
 0,06

Total Split	
TCD	62,6%
FID	34,6%
MS	2,8%

Hypothetical column Dimensions for MS -Software: 42,63 m ID: 0,250 mm

First GC

Gradient of Linear Velocity along capillary Column (for 1st Column; 1st Dimension)

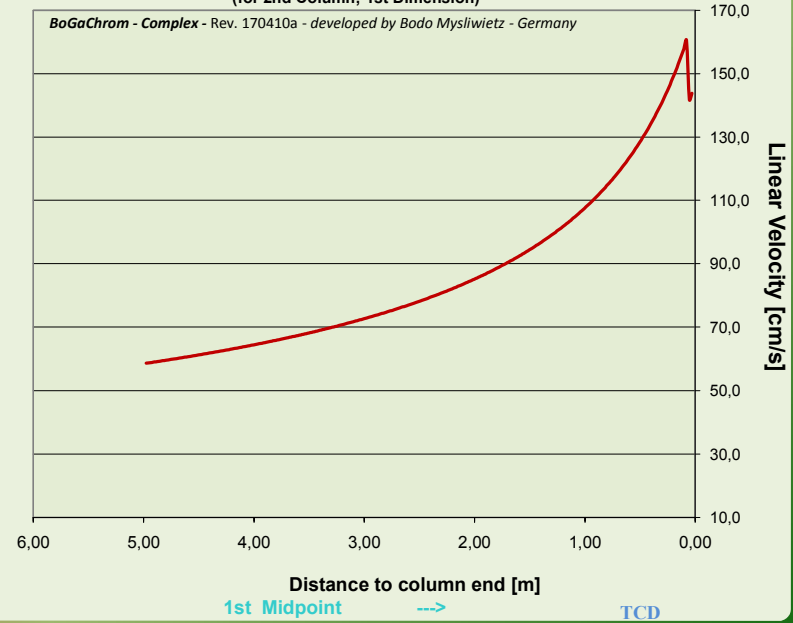


Lin. velocity: 40,0 cm/s
 Average: 40,9 cm/s
 RSD : 12,7 %

Act_{at_0.5%}: 33,7 cm/s
 Act_{at_99.5%}: 52,1 cm/s

Flow direction: forward

Gradient of Linear Velocity along capillary Column (for 2nd Column; 1st Dimension)



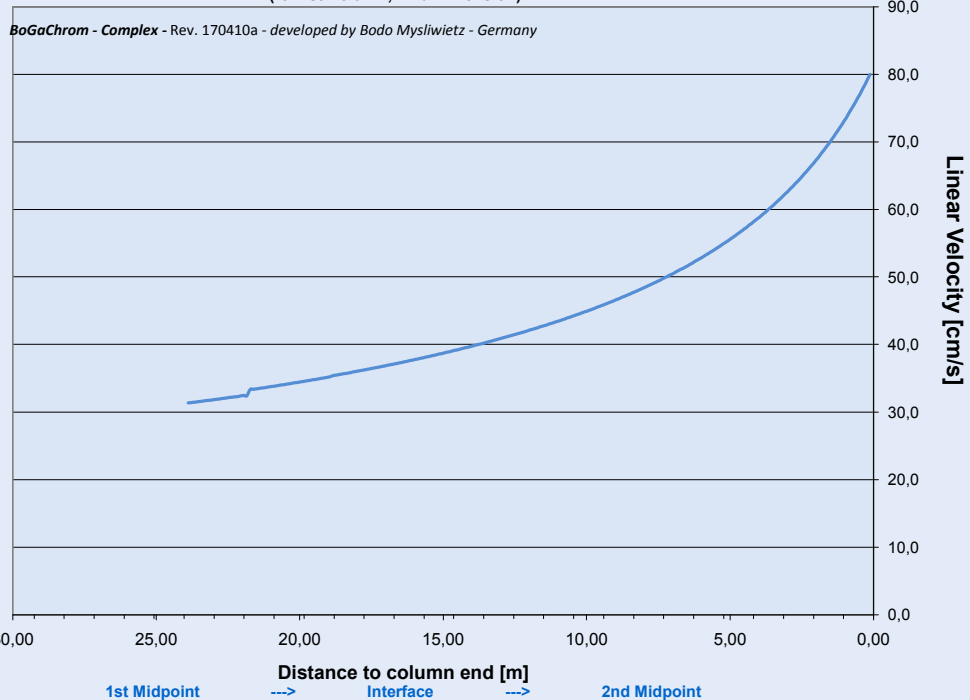
Lin. velocity: 116,3 cm/s
 Average: 86,5 cm/s
 RSD : 29,6 %

Act_{at_0.5%}: 58,6 cm/s
 Act_{at_99.5%}: 143,8 cm/s

Second GC

Gradient of Linear Velocity along capillary Column

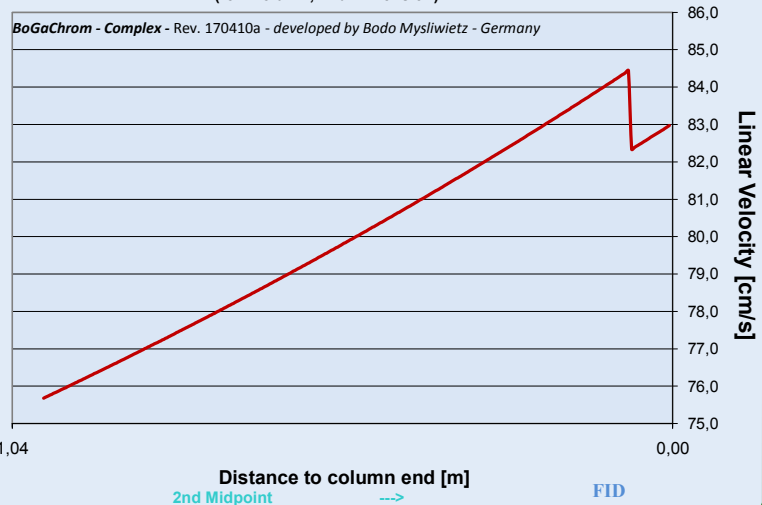
(for 1st Column; 2nd Dimension)



Lin. velocity:	42,1 cm/s	Act _{at_0,5%} :	31,3 cm/s	Flow direction:	forward
Average:	45,7 cm/s	Act _{at_99,5%} :	80,0 cm/s		
RSD:	26,7 %				

Gradient of Linear Velocity along capillary Column

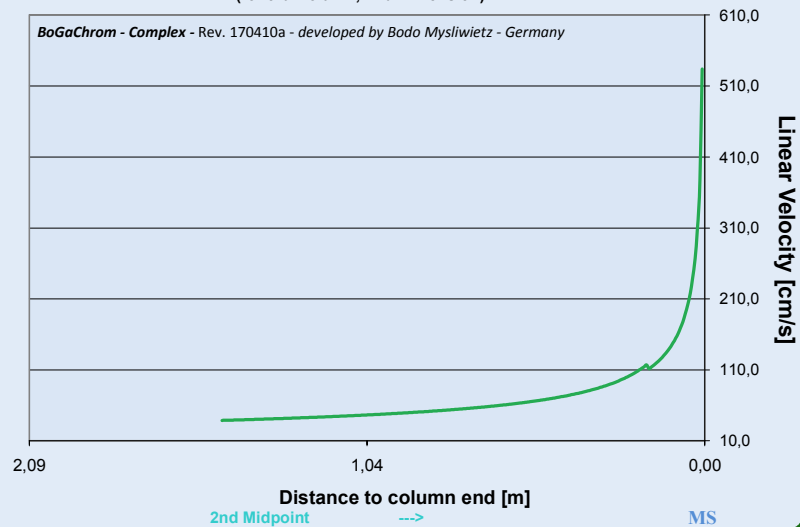
(for Column; 2nd Dimension)



Lin. velocity:	80,0 cm/s	Act _{at_0,5%} :	75,7 cm/s
Average:	80,0 cm/s	Act _{at_99,5%} :	83,0 cm/s
RSD:	3,2 %		

Gradient of Linear Velocity along capillary Column

(for 3rd Column; 2nd Dimension)



Lin. velocity:	54,8 cm/s	Act _{at_0,5%} :	38,6 cm/s
Average:	73,5 cm/s	Act _{at_99,5%} :	533,8 cm/s
RSD:	77,7 %		