Uloha 1 Respirace korenu

varianta	č. pristroje - opakovani		CO2 - ref. [ppm]	CO2 - inkub. [ppm]	δ CO2 [ppm]	f [l.h^{-1}]
K-1		3	885	909	24	18
N 1		4	552	568	16	18
P1		2	698	708	10	18
Fe1		1	556	567	11	18
N 2		4	552	569	17	18
P2		2	698	705	7	18
K-2		3	885	907	22	18
Fe2		1	556	563	7	18

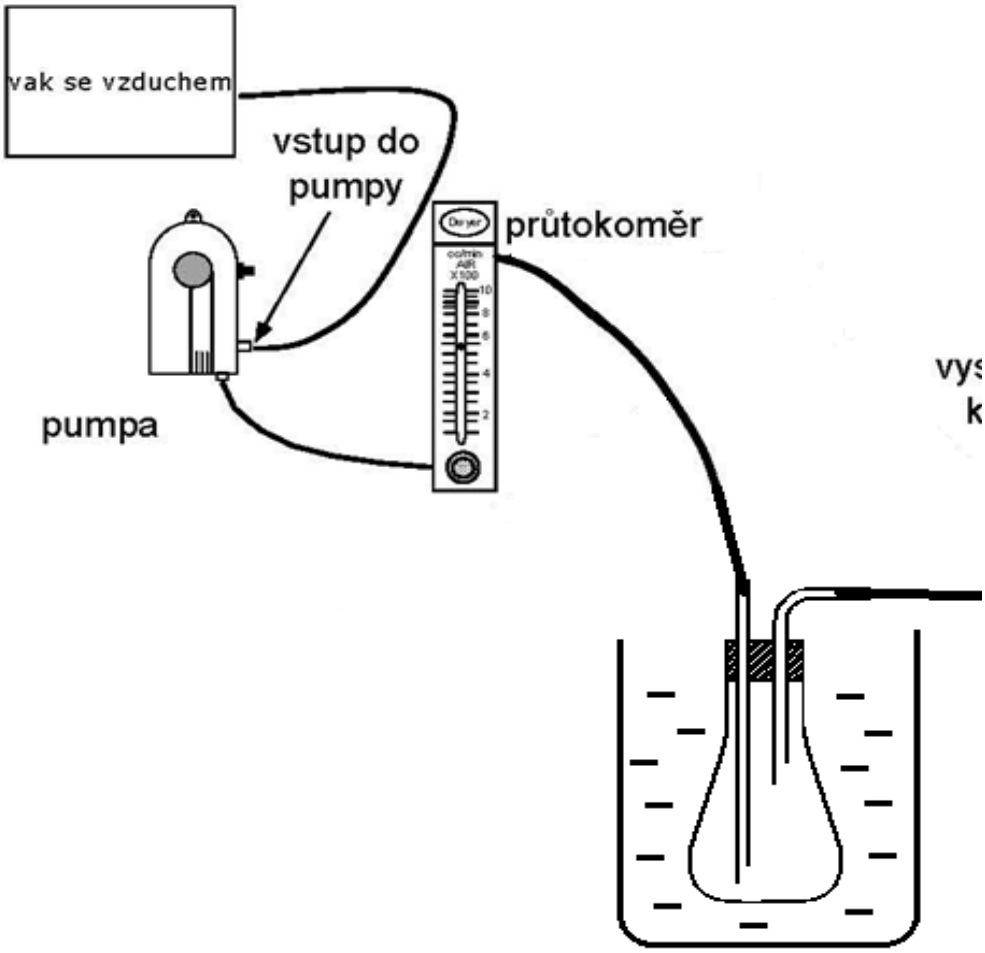
Uloha2 Respirace semen

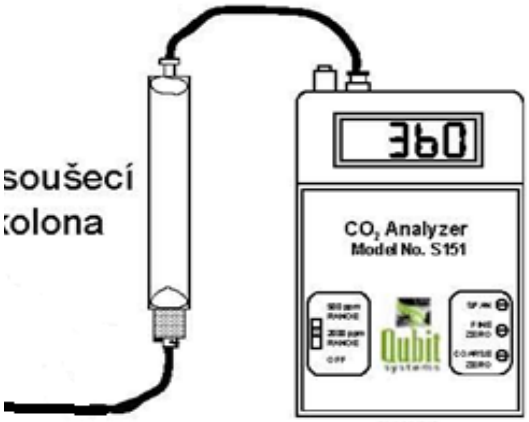
varianta	č. pristroje - opakovani		CO2 - ref. [ppm]	CO2 - inkub. [ppm]	δ CO2 [ppm]	f [l.h^{-1}]
Zrn-2h		3	885	918	33	18
bob 2h		4	552	595	43	18
bob 2dny		4	552	755	203	18
Zrn-2h		2	698	713	15	18
zrn-2dny		2	698	732	34	18
bob 2dny		2	698	892	194	18
zrn-2h		1	556	578	22	18
zrn-2dny		1	556	618	62	18
zrn-2dny		3	885	942	57	18
bob-3h		3	885	1014	129	18
zrn 3h		4	552	572	20	18
zrn 2dny		4	552	617	65	18
bob 2h		2	698	744	46	18
bob-2dny		3	885	1218	333	18
bob 2h		1	556	617	61	18
bob 2dny		1	556	752	196	18

zrn=pšenice

T [°C]	k [umol.ul^{-1}]	m[g]	Vr [umol(CO2).g^{-1}.h^{-1}]
22.4	0.0412	0.0729	
26	0.0407	0.1525	
25	0.0409	0.1796	
24	0.0410	0.1015	
24.9	0.0409	0.2019	
24	0.0410	0.0697	
21.8	0.0413	0.1191	
22.5	0.0412	0.1070	

T [°C]	k [umol.ul^{-1}]	m[g]	Vr [umol(CO2).g^{-1}.h^{-1}]
22.2	0.0413	3.4015	
25.8	0.0408	2.3075	
25.4	0.0408	2.9519	
25	0.0409	2.9983	
25	0.0409	2.2935	
25	0.0409	2.4761	
23	0.0411	4.3943	
23	0.0411	3.9293	
22	0.0413	2.5535	
21.9	0.0413	5.4396	
25.2	0.0408	3.3002	
25	0.0409	2.9367	
24	0.0410	3.2753	
21.8	0.0413	4.4197	
23	0.0411	3.7902	
23	0.0411	3.5665	


vak se vzduchem
vstup do pumpy
průtokoměr
pumpa
vys
k


soušecí
kolona
360
CO2 Analyzer
Model No. S151
Qubit
systems

IRGA