

Specifications*	Oxygen (blue)	pH (red)		CO ₂ (green)	
	SF-RPSu4	SF-LV1R	SF-HP5R	SF-MT1R	SF-CD1R
Measuring range	0 - 100 % air saturation [0 - 20.9 % O ₂]	pH 2.5 - 4.5	pH 5.5 - 7.5	0 - 1 %	1 - 25 %
Response time** (t ₉₀)	30 sec.	30 sec.	30 sec.	< 3 min.	< 3 min.
Size of sensor foil**	5 x 5 mm ² to 40 x 40 mm ²				
Number of sensing points within one image**	300,000				
Properties					
Temperature range	5 °C to 45 °C				
Compatibility	Aqueous solutions, ethanol (max. 10 % V/V), methanol (max. 10 % V/V), pH 2 - 10	Aqueous solutions, pH 2 - 9		Aqueous solutions, pH 4 - 9	
Device					
Camera chip	Enhanced Color CMOS				
Image Resolution	1.3 megapixel (1280 x 1024 pixels)				
Magnification	10-fold up to 220-fold, depending on adapter tubus used				
Field of View	~ 2.3 x 2.0 mm ² to ~ 4.1 x 3.3 cm ² ; typically ~ 1.5 x 1.2 cm ²				
Output	15 fps live video preview (no storage) and 0.5 fps full-resolution picture storage (.png)				
Interface	USB 2.0, high speed USB transmission				
Number of LEDs	8				
Material	All-aluminum housing				
Dimensions	Length 10 cm, diameter 3.8 cm				
Weight	170 g (without adapter tubus)				

*VisiSens™ is no approved medical device

**typical data which may strongly differ with adapting the imaging set-up to specific needs