



R395

OVERVIEW

PARAMETERS

A second stage regulator must translate natural breathing behavior into mechanical reality. A high quality second stage can significantly reduce stress and enhance diver safety by providing smooth, low-effort breathing response, resulting in ample yet controllable quantities of air.

The human breathing process is unique and individual, rather intuitive, and taken for granted at the surface. However, once underwater and dependent on a regulator, we suddenly realize how personal and unique breathing behaviors are and how important a regulator can be. The harsher the diving conditions, the higher the flexibility and response we demand from a second stage regulator. This is why at **SCUBAPRO** we have implemented diver adjustable functions on many of our regulators.

- **Classic downstream valve.** Classic downstream valves are particularly noted for their legendary safety and reliability. When in use, the downstream valve opens in the same direction as the incoming airflow. To close the valve and stop the airflow, a spring counteracts the force of the incoming air. Therefore, a certain inhalation effort is always required to overcome the spring tension and open the valve.
- **Venturi Initiated Vacuum Assist (VIVA).** Another **SCUBAPRO** patented feature, the VIVA is available on all **SCUBAPRO** second stages. VIVA uses the power of a vacuum assist to reduce work of breathing and increase breathing comfort. It is diver adjustable on all current **SCUBAPRO** second stages except the R295, since it is a second stage intentionally designed for diver training courses, rental facilities, and divers demanding ready to use equipment. A VIVA in MAX position gives powerful breathing support on every single breath; a VIVA in MIN position helps to prevent free flow on the surface, for training, for buddy breathing, in currents, or when used as an octopus.
- **Orthodontic mouthpiece.** **SCUBAPRO** uses a comfortable orthodontic mouthpiece on every second stage to reduce jaw fatigue and gum irritation. It was developed by dentists and dental laboratories and lasts longer than any other mouthpiece, because only a minimum effort is needed to hold it comfortably in place.

See product at:

<http://www.scubapro.com/americas/english/scubapro-products/regulators/second-stages/r395>