

UNIVERSAL FUME SCRUBBER

SCP SCIENCE

The Universal Fume Scrubber from **SCP SCIENCE** provides an environmentally friendly option by capturing and neutralizing more than 98% of all fumes generated by acid digestions.



This system works by drawing a vacuum through a series of bottles. The majority of acid fumes are removed by the condenser, which can be cooled by either using tap water or a chiller system. The condensate is then collected in an empty bottle. Next, the acids from the digestion are neutralized by a bottle containing NaOH.

The generated air stream then passes through a second empty bottle to collect remaining droplets. A charcoal filter is used to ensure 99.5% moisture and acid has been scrubbed from the air stream prior to being expelled into a fume hood. The system may be connected to either a **DigiVAC** on a **DigiPREP** Classic or **MS**, or directly to a **DigiPREP** HT.

COMPONENTS

- Blower Unit
- Condenser
- Activated-charcoal compartment
- Flow Valve
- Empty Bottles
- Cooling Tubes
- Muffler
- Hoses
- Power Cord
- Adapters (**DigiPREP** HT and **DigiVAC**)

ORDERING INFORMATION

Description	Qty.	Catalog #	Description	Qty.	Catalog #
Universal Fume Scrubber	1	010-520-160	Activated Charcoal (5kg), Replacement	1	010-520-165
Chiller System (Optional CFC free Chiller System eliminates excessive water consumption to the condenser), 115V	1	010-520-072	Filters for Activated Charcoal (pk/12), Replacement	1	010-520-167
Chiller System (Optional CFC free Chiller System eliminates excessive water consumption to the condenser), 230V	1	010-520-074			
			Description	Dimensions	
			Bottle set	18" W x 17" D x 21" H	
			Blower unit	11" W x 14" D x 11.5" H	

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