

SHMAK order form – November 2020

Item	Number required	Price per item	Total
SHMAK Starter kit		\$120	
SHMAK Standard kit with clarity tube ²		\$600	
SHMAK Standard kit with black disc set ²		\$695	
SHMAK Plus kit with clarity tube ²		\$1250	
SHMAK Plus kit with black disc set ²		\$1340	
Extras:			
Hobo Temperature logger		\$99	
Clarity tube (with carry case, cap and magnet)		\$180	
Black disc set, viewer box and mirror		\$270	
Additional manuals		\$33.5	
Additional invertebrate ID guides		\$15	
		Price per kit	
Courier – Starter/ Standard Kit (South Island)	From	\$50	
Courier – Starter/Standard Kit (North Island)	From	\$70	
Courier – SHMAK Plus (South Island)	From	\$70	
Courier – SHMAK Plus (North Island)	From	\$90	
Note – all prices exclude GST			

Total

²the clarity tube is for measuring visual clarity in fairly cloudy water (clarity of about 80 cm or less). For measuring in clearer waters the black disc set is needed. See www.lawa.org.nz (click on a region, click on a site and see “black disc”) to find out what the clarity is like in streams and rivers near you.

What’s included in the different SHMAK kits

The Starter kit includes tape measure, thermometer and equipment (sieve, white tray, bug box, magnifying glass, brushes and tweezers) for macroinvertebrate sampling using the stone method. The manual and identification guides are not included but can be downloaded from www.nzwatercitizens.co.nz

The Standard kit includes metre ruler, tape measure, conductivity/temperature meter, clarity tube or black disc set, equipment (kick net, white tray, bug box, magnifying glass, brushes and tweezers) for macroinvertebrate sampling using the kick net method. Manual and identification guides included.

The **SHMAK+ kit** includes everything in Standard kit, as well as kits for *E. coli* bacteria, dissolved nitrate and phosphate.

What can be measured with different SHMAK kits?

Test	Starter kit	Standard kit	SHMAK+
Site assessment	✓	✓	✓
Visual clarity		✓	✓
Temperature	✓	✓	✓
Continuous temperature*			
Conductivity		✓	✓
Nitrate			✓
Phosphate			✓
Bacteria			✓
Periphyton	✓	✓	✓
Aquatic plants	✓	✓	✓
Macroinvertebrates (stone method)	✓		
Macroinvertebrates (kick net method)		✓	✓
Velocity and discharge	✓	✓	✓
Physical habitat	✓	✓	✓
Stream bed composition	✓	✓	✓
Rubbish	✓	✓	✓

*requires additional purchase of temperature logger.