

Entity Name	METAWATER Co.,Ltd.								
Product name	Mobile Ceramic Membrane Filtration Equipment								
Summary	<p>Mobile water purification system using ceramic membrane loaded onto a truck. It enables filtration of high turbidity raw water available in the event of disaster. No chemical to prevent deterioration in quality is required while storing ceramic membranes in a long period of time. Operation has no problem at places where there is no power source available, because a generator stands by in a truck.</p>								
Details	<p>【Application】 Filtration of raw water and supply of potable water to rural areas where there is no water purification plant as well as to areas suffering so much inconveniences due to a disaster such as flood, etc.</p> <p>【Characteristics】 (1) Ceramic membrane which has a longer life span over 15 years, can filtrate high turbidity raw water to remove protozoa such as cryptosporidium and bacteria such as E coli. (2) No chemical is required while storing ceramic membranes in a long period of time. (3) No sedimentation basin is required, therefore, configuration of the system becomes simple. The O&M is also simple because replacement of membrane does not happen for such a longer period of time.</p> <p>【Effect】 The system can filtrate high turbidity raw water to supply the following volume of drinking water according to the number of membrane elements used. (1) One element system (ground water : 1~4 m³/hr., surface water : 1~2.5 m³/hr.) (2) Two elements system (ground water : 2~8 m³/hr., surface water : 2~5 m³/hr.) (3) Four elements system (ground water : 4~16 m³/hr., surface water : 4~10 m³/hr.)</p>								
URL	https://www.metawater.co.jp/eng/news/2019/03/post-254.html								
Supply record	Malawi	Kenya	Togo	Cambodia	Lesotho	Cote d'Ivoire	Myanmar	Madagascar	
	Quantity	3 units	2 units	3units	1 unit	4 units	1 unit	10 units	1 unit
Delivery time	Jan. 2013	May 2013	Apr. 2014	Apr. 2014	Jun. 2014	Jan. 2015	Nov. 2017	Feb. 2020	
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