

## GOOCH BITUMEN CRUCIBLE

The Gooch crucible is used to determine the solubility of bituminous materials such as road tars and petroleum asphalts containing little or no mineral matter. The crucible retains the asphalt material that is left after filtering with organic solvent. Constructed from porcelain with perforated bottom. Dimensions are 44mm top x 36mm bottom x 25mm deep.



MODELS	DESCRIPTION	STANDARDS
B1021	GOOCH BITUMEN CRUCIBLE	ASTM D-4, D-165 / AASHTO T-44

## CENTRIFUGE ASPHALT EXTRACTORS

These extractors are used for the quantitative determination of bitumen content and gradation of aggregates in bituminous paving materials. The bitumen is extracted by use of centrifugal force created by the extractor. The extractor is enclosed within an aluminum housing with removable bowl, cover and nut. Brake system that operates by a shoe contacting the bowl. Speed settings from 0-3600 RPM's controlled by dial. Furnished with 25 filter rings. The extractor is available in 110V/60Hz or 220V/50Hz motors and in explosion proof.



B2901



B3001

MODELS	DESCRIPTION	STANDARDS
B2901	500 GRAM, MANUAL	ASTM D-2172 AASHTO T-164
B2923	1500 GRAM, MANUAL	
B2991	1500 GRAM, 110V/60Hz, EXPLOSION PROOF	
B2992	1500 GRAM, 220V/50Hz, EXPLOSION PROOF	
B3001	3000 GRAM, 110V/60Hz, EXPLOSION PROOF	
B3002	3000 GRAM, 220V/50Hz, EXPLOSION PROOF	
B3011	1500 GRAM, 110V/60Hz	
B3012	1500 GRAM, 220V/50Hz	
B3015	3000 GRAM, 110V/60Hz	
B3016	3000 GRAM, 220V/50Hz	

ACCESSORIES	FILTER RINGS	BOWL, STEM, NUT	COVER
B2901	B2902	B2906	B2907
B2923	B2993	B2924	B2926
B2991 / B2992	B2993	B2996	B2997
B3001 / B3002	B3003	B3006	B3007
B3011 / B3012	B2993	B2996	B2997
B3015 / B3016	B3003	B3006	B3007

## CENTRIFUGE ASPHALT EXTRACTORS

This centrifuge is designed to obtain fast filterless separation of filler from asphalt, cement, or concrete, or to separate sediment such as soil or clay that is held in suspension within these mixtures. Since this centrifuge is filterless, the highest accuracy is obtained because there is no dispersion of materials within the centrifuge. The solution is poured into the top funnel and falls into the spinning container. The centrifugal action then causes the liquid to rise to the top and is siphoned off leaving behind the solid.

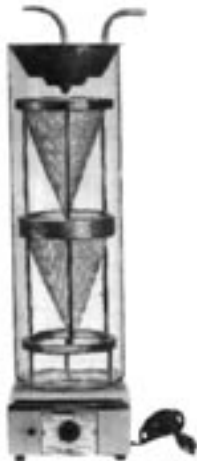
**B3051**

MODELS	DESCRIPTION	STANDARDS
<b>B3051</b>	CENTRIFUGE EXTRACTOR, 110V / 60 Hz	ASTM D-2172 / AASHTO T-164
<b>B3052</b>	CENTRIFUGE EXTRACTOR, 220V / 50 Hz	
<b>B3060</b>	CENTRIFUGE EXTRACTOR, FILTERLESS, 110V / 60 Hz	

ACCESSORIES	DESCRIPTION
<b>B3053</b>	DRIVE BELT
<b>B3054</b>	MAIN SWITCH
<b>B3055</b>	BEARINGS SET
<b>B3056</b>	RUBBER SEAL
<b>B3057</b>	SPARE INSERT CUP, ALUMINUM ALLOY
<b>B3075</b>	FILTERS, 11 CM GLASS FIBER (100 PACK)
<b>B3062</b>	EXTRA BEAKER FOR <b>B3060</b>

## REFLUX EXTRACTOR SETS

The reflux extractor sets determine the percentage of bitumen in a paving mixture by hot solvent extraction. They are available in 1000 and 2000 gram models. They are also available in 110V/60Hz and 220V/50Hz versions (please specify type needed). The **B3155S** and **B3161S** sets both have 2000 gram capacity, except that the **B3161S** is designed to meet the State of Virginia specifications.



MODELS	DESCRIPTION	CAPACITY	STANDARDS
<b>B3151S</b>	REFLUX EXTRACTOR, 110V / 60 Hz	1000 G	ASTM D-2172 AASHTO T-164
<b>B3152S</b>	REFLUX EXTRACTOR, 220V / 50 Hz		
<b>B3155S</b>	REFLUX EXTRACTOR, 110V / 60 Hz	2000 G	
<b>B3156S</b>	REFLUX EXTRACTOR, 220V / 50 Hz		
<b>B3161S</b>	REFLUX EXTRACTOR, VA MODEL, 110V / 60 Hz		

ACCESSORIES	B3151S / B3152S	B3155S / B3156S
COPPER CONDENSER	<b>B3154</b>	<b>B3164</b>
GLASS JAR	<b>B3154J</b>	<b>B3166</b>
FLEX BOARD	<b>N/A</b>	<b>B3167</b>
REFLUX BASKET	<b>B3153</b>	<b>B3163</b>
HOT PLATE	<b>G6611</b>	<b>G6613</b>
FILTER PAPER	<b>B3152</b>	<b>B3156</b>