

Document Title: <b>Slick, DualHead</b>		Part # and Rev. <b>18086</b>	
		Release Date:	
Rev.	Description	Revision By	Date
Date -- Time	Added description from Derek Harris	Allison	6/8/16

**Production Filename:**

[http://publications.decagon.com/Marketing/Description%20Files/18086\\_Slick\\_Dual\\_Head.pdf](http://publications.decagon.com/Marketing/Description%20Files/18086_Slick_Dual_Head.pdf)

**Paper:** Pegasus Cardstock

**Size:** 11 inches wide, 8.5 inches tall

**Sides:** double sided

**Colors:** 4:4

## DUALHEAD INFILTROMETER



The new fully automated DualHead Infiltrometer measures ( $K_s$ ), the ability of a porous medium to transmit water under saturated or nearly saturated conditions. The DualHead Infiltrometer uses the multiple head analysis approach to correct 3-dimensional flow without having to guess the Soil Sorptivity ( $S$ ) and the Soil Macroscopic Capillary Length ( $\alpha$ ).

<b>Features</b> <ul style="list-style-type: none"> <li>Fully automated infiltration measurements</li> <li>Instant <math>K_s</math> values without tedious post-processing</li> <li>Measure soil hydraulic properties - Sorptivity, and <math>\alpha</math>.</li> </ul>	<b>Applications</b> <ul style="list-style-type: none"> <li>Infiltration measurements</li> <li>Permeability</li> <li>Hydraulic conductivity</li> <li>Soil hydraulic properties</li> </ul>	<b>Included Equipment</b>  <ul style="list-style-type: none"> <li>A Control Unit</li> <li>B Infiltration Head</li> <li>C Water Seal</li> <li>D Driving Pump</li> <li>E Inerting Bag</li> <li>F Control Unit</li> </ul>
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**DualHead Specifications**  
Infiltration Rate Range: 0.0038 cm/hr to 115 cm/hr.  
Infiltration Resolution: 0.0038 cm/hr.  
Infiltration Accuracy: ±5% of reading  
Water Level Maintenance: 0.2 cm.

Pressure Head Range: 0 to 40 cm.  
Operating Temperature: 0 to 50 °C.


  
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