

Datasheet Welltec® Fluid Imager 218 Standard

The Well Fluid Imager (WFI) is a part of the Welltec diagnostic tools family. It measures water-hold-up and estimates the distribution of permittivity / dielectric constant in a well cross-section. The WFI has full annular coverage of the hold-up using a uniformly distributed, multi sensor package. It produces a tomogram, crosssectional image, of the hold-up fraction at any given cross-section. The WFI can be deployed independently or combined with the Well Tractor® for deployment within deviated or horizontal wells

Applications	Features	Benefits
<ul style="list-style-type: none"> • Measure water hold up realtime 	<ul style="list-style-type: none"> • Multi sensor package 	<ul style="list-style-type: none"> • Operates on any e-line via DC
	<ul style="list-style-type: none"> • Quantify true hold-up 	<ul style="list-style-type: none"> • Welltec® SRO
	<ul style="list-style-type: none"> • Full annular coverage 	<ul style="list-style-type: none"> • Combinable
	<ul style="list-style-type: none"> • Through wired 	

Specifications*	Imperial	Metric
<ul style="list-style-type: none"> • Length 	<ul style="list-style-type: none"> • 1.6 ft 	<ul style="list-style-type: none"> • 0.4 m
<ul style="list-style-type: none"> • Running OD nominal 	<ul style="list-style-type: none"> • 2 1/8" 	<ul style="list-style-type: none"> • 54 mm
<ul style="list-style-type: none"> • Weight in air 	<ul style="list-style-type: none"> • 9,6 lbs 	<ul style="list-style-type: none"> • 4,4 Kg
<ul style="list-style-type: none"> • Water hold-up resolution 	<ul style="list-style-type: none"> • 10% 	<ul style="list-style-type: none"> • 10%
<ul style="list-style-type: none"> • Water hold-up range 	<ul style="list-style-type: none"> • 0 – 85 % 	<ul style="list-style-type: none"> • 0 – 85 %
<ul style="list-style-type: none"> • Maximum well pressure 	<ul style="list-style-type: none"> • 5,000 psi 	<ul style="list-style-type: none"> • 350 bar
<ul style="list-style-type: none"> • Maximum well temperature 	<ul style="list-style-type: none"> • 257 ° F 	<ul style="list-style-type: none"> • 125 ° C
<ul style="list-style-type: none"> • Tensile strength 	<ul style="list-style-type: none"> • 53,000 lbs 	<ul style="list-style-type: none"> • 24,000 Kg
<ul style="list-style-type: none"> • Compressive strength 	<ul style="list-style-type: none"> • 53,000 lbs 	<ul style="list-style-type: none"> • 24,000 Kg

* Dependent upon configuration

