

InfraCal 2 TRANS-SP - Oil In Water/Soil Analyzer

Calibrations

The InfraCal 2 Model TRANS-SP is available with a single or multiple calibrations. Analysis results of total oil and grease & total petroleum hydrocarbon concentration levels are displayed in parts per million (ppm) or milligram/kg.

PN	Factory Calibrations
405-2035-41	Includes a factory calibration using S-316 standards for samples containing primarily petroleum hydrocarbons with minimal animal/plant oils TOG/TPH High Range S-316 Water: 10, 25, 50, 100, 150, and 200 mg/L Soil: 100, 250, 500, 1000, 1500, and 2000 mg/kg
405-2035-8041	Includes a factory calibration using S-316 standards for samples containing primarily petroleum hydrocarbons with minimal animal/plant oils TOG/TPH Low and High S-316 Water: 0.5, 1, 2.5, 5.0, and 7.5 mg/L Water: 10, 25, 50, 100, 150, and 200 mg/L Soil: 100, 250, 500, 1000, 1500, and 2000 mg/kg
405-2035-40	Includes a factory calibration using S-316 standards for samples containing primarily animal and/or plant oils FOG/TOG High Range S-316 Water: 10, 25, 50, 100, 150, and 200mg/L
405-2035-78	Includes a factory calibration using Tetracloroethylene standards for samples containing primarily petroleum hydrocarbons with minimal animal/plant oils TOG/TPH High Range Tetracloroethylene Water: 10, 25, 50, 100, 150, and 200 mg/L Soil: 100, 250, 500, 1000, 1500, and 2000 mg/kg
405-2035-7978	Includes a factory calibration using Tetracloroethylene standards for samples containing primarily petroleum hydrocarbons with minimal animal/plant oils TOG/TPH Low and High Tetracloroethylene Water: 0.5, 1, 2.5, 5.0, and 7.5 mg/L Water: 10, 25, 50, 100, 150, and 200 mg/L Soil: 100, 250, 500, 1000, 1500, and 2000 mg/kg

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Calibration Standard Sets

PN	Calibration Standards Sets
403-1080	TOG/TPH Low Range S-316 TOG/TPH Five Point Calibration Standard Set Light Mineral Oil in S-316 prepared by a certified laboratory. The set contains 6 standards from 0.5mg/L to 7.5 mg/L (ppm) for water and 5 mg/kg to 75 mg/kg for soil, includes solvent blanks. <i>Recommended for customers in the petroleum industry who are primarily measuring low levels of petroleum hydrocarbons in water or soil.</i>
403-1041	TOG/TPH High Range S-316 Six Point Calibration Standard Set: Light Mineral Oil in S-316 prepared by a certified laboratory for TOG/TPH Analysis. Nominal concentration values are 100 mg/kg (ppm), 250 mg/kg, 500 mg/kg, 1000 mg/kg, 1500 mg/kg and 2000 mg/kg for soil assuming a 1:1 extraction ratio; and 10 mg/L (ppm), 25 mg/L, 50 mg/L, 100 mg/L, 150 mg/L and 200 mg/L for water assuming a 10:1 extraction ratio. The set contains 6 standards along with a solvent blank in 4 ml flame sealed ampoules. <i>Recommended for customers in the petroleum industry who are primarily measuring petroleum hydrocarbons in water or soil.</i>
403-1040	FOG/TOG High Range S-316 TOG/FOG Six Point Calibration Standard Set: 50:50 Isooctane/Octanoic Acid in S-316 as per ASTM Method D 7066-04 prepared by a certified laboratory. Nominal concentration values are 10 mg/L (ppm), 25 mg/L, 50 mg/L, 100 mg/L, 150 mg/L and 200 mg/L for water assuming a 10:1 extraction ratio. The set contains 6 standards along with a solvent blank in 4 ml flame sealed ampoules. <i>Recommended for customers measuring non-polar (petroleum) and polar (animal and vegetable fats) hydrocarbons for TOG or FOG measurements such as municipal wastewater or industrial wastewater that includes animal and vegetable fats.</i>
403-1079	TOG/TPH Low Range Tetrachloroethylene TOG/TPH Five Point Calibration Standard Set Light Mineral Oil in Tetrachloroethylene prepared by a certified laboratory. The set contains 6 standards from 0.5mg/L to 7.5 mg/L (ppm) for water and 5 mg/kg to 75 mg/kg for soil, includes solvent blanks. <i>Recommended for customers in the petroleum industry who are primarily measuring low levels of petroleum hydrocarbons in water or soil.</i>
403-1078	TOG/TPH High Range Tetrachloroethylene TOG/TPH Six Point Calibration Standard Set: Light Mineral Oil in Tetrachloroethylene prepared by a certified laboratory for TOG/TPH Analysis. Nominal concentration values are 100 mg/kg (ppm), 250 mg/kg, 500 mg/kg, 1000 mg/kg, 1500 mg/kg and 2000 mg/kg for soil assuming a 1:1 extraction ratio; and 10 mg/L (ppm), 25 mg/L, 50 mg/L, 100 mg/L, 150 mg/L and 200 mg/L for water assuming a 10:1 extraction ratio. The set contains 6 standards along with a solvent blank in 4 ml flame sealed ampoules. <i>Recommended for customers in the petroleum industry who are primarily measuring petroleum hydrocarbons in water or soil.</i>

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Accessories

PN	Accessories
403-0013	Carrying Case for InfraCal Analyzers with pre-diced pluck foam. 18.5" x 14.6" x 8"; 10 lbs.
403-1086	Dust Cover
403-0012	Set of Four 10mm Quartz Cuvette Cells with Teflon Stopper

Field Sampling Kits

PN	Field Sampling Kits													
403-1063	Field Sampling Kit for TOG-TPH in Water													
	<table border="0"> <tr> <td>100ml Graduated Cylinder</td> <td>Glass Funnel</td> </tr> <tr> <td>25ml Graduated Cylinder</td> <td>177ml Graduated Bottles (48 pc)</td> </tr> <tr> <td>125 ml Wash Bottle</td> <td>Septa Caps (48 pc)</td> </tr> <tr> <td>20ml Beaker</td> <td>Sodium Sulfate, 500g</td> </tr> <tr> <td>100ul Syringe</td> <td>Silica Gel, 500g</td> </tr> <tr> <td>Disposable Pipettes (100 pc.)</td> <td>Filter Paper, 100pc</td> </tr> <tr> <td></td> <td>20ml Luer-Lok Syringe & Tip (100pc)</td> </tr> </table>	100ml Graduated Cylinder	Glass Funnel	25ml Graduated Cylinder	177ml Graduated Bottles (48 pc)	125 ml Wash Bottle	Septa Caps (48 pc)	20ml Beaker	Sodium Sulfate, 500g	100ul Syringe	Silica Gel, 500g	Disposable Pipettes (100 pc.)	Filter Paper, 100pc	
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403-1010	Field Sampling Kit for TOG-TPH in Soil													
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403-1083	Field Sampling Kit for Sub-ppm in Water													
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