

# PAINT AND COATINGS INDUSTRY

## Mark 3 Solids Analyzer

### Application Examples

The Mark 3 conforms to ASTM standard D6980, "Standard Test Method for Determination of Moisture by Loss in Weight". Fast, accurate moisture or solids measurement on solvent or water-based materials with the Mark 3 allows adjustments to be made in the processing cycle in minutes rather than hours.

- Ideal for solvent and water-based materials
- No pre-programming required by the operator
- One button operation to perform a test
- Free loaners for the life of the instrument
- Two year complete parts and labor warranty
- Built for harsh production environments
- Hard copy results with standard internal printer
- Free applications development for the life of the instrument



TYPE MATERIAL	OVEN REFERENCE	MARK 3 RESULTS	TEST TIMES	STD DEV
Dupont TiO2 Slurry	76.09% S	76.11% S	3.0 min.	.072
Kronos TiO2 Slurry	76.78% S	76.76% S	3.2 min.	.054
EPS Acrylic Resin	49.14% S	49.09% S	12.2 min.	.101
Rheology Modifier	20.64% S	20.75% S	10.3 min.	.040
Acrylic Resin Exterior	54.88% S	54.88% S	6.4 min.	.107
Multi-Component PU	77.89% S	77.94% S	13.3 min.	.119
Solvent Based Paint	66.48% S	66.40% S	5.8 min.	.122
Latex Slurry	76.73% S	76.70% S	3.1 min.	.082
Traffic Paint	79.26% S	79.29% S	6.8 min.	.068
Nitrocellulose Solution	01.52% S	01.49% S	5.5 min.	.090

Table demonstrates correlation results between convection or vacuum oven and the Mark 3 moisture analyzer.

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