

ESTIMATED SAVINGS - INLINE MOISTURE MEASURING SYSTEM

Production capacity per extruder line		70.000 Tonne/year	
Sales cost of extruded product		700 €/Tonne	
Total annual sale	(Annual production x sales cost)	49.000.000 €/Tonne	
Moisture increase in final product	(Annual sale / 100x0,5)	0,50 %	245.000 €/year
Present manual sampling, testing & analysis costs	(Percentage of total sales costs)	0,03 %	14.700 €/year
Operation cost for inline sampler	(Percentage of total sales costs)	0,01 %	4.900 €/year
Total annual savings			254.800 €/year
Capital investment	(Purchasing price, shipment & installation)		65.000 €
Payback	(Capital investment/Savings x 12)		3 months
ROI (Return On Investment)	(Savings/Capital investment x 100)		392 %

