


Informatics

Key Features

- Calendar view for daily and monthly schedules
- Color-coded display visually highlights sample status
- Manage analysis work orders based on combination of sample and time points



Calendar function shows a monthly display and daily listing of samples.

Process Scheduler Manages Routine Sampling for Busy Laboratories

Manage Flow

The Process Scheduler is a LABWORKS™ LIMS module used to schedule routine sampling and to monitor sample status throughout an organization. Ideal for production laboratories with multiple sample-generating processes, the Process Scheduler gives plant supervisors, and other personnel working outside the lab, secure data access without the need for LIMS training.

LABWORKS' powerful Process Scheduler software allows scheduling of samples on either a recurring time-based or ad-hoc schedule using a color-coded system for ease of use in tracking the status of scheduled samples. The Process Scheduler can also be used to set up hand-held devices for field data entry.

Save Time

The module saves time and reduces errors by offering sample-oriented workflow and supports barcode entry of login information. Instead of choosing a task and then finding the samples associated with it, you choose the sample and view where it is in the process.

Easily View Sample Status

Samples are color-coded indicating the current status of scheduled samples. This visual differentiation makes it easy for users to quickly assess where samples of interest are, and provides a very natural launch point for users outside the laboratory who need to laboratory data to make real-time decisions. Routine or repetitive samples can be automatically logged in using predefined groups. The Process Scheduler also alerts sample collectors about the need to collect specific samples as sample points go on and offline.

Simplify Scheduling

The Process Scheduler makes it easy to enable or disable sampling for different processes when required. It is used to define sampling groups which contain times and frequency of sampling events as well as the combinations of sample locations and analyses involved. For example, special environmental samples can be scheduled months in advance and automatically appear on the display when their specified time approaches. Process Scheduler can also initiate sample collection in an ad-hoc manner, such as when a plant operator determines that another sample should be taken on a particular line.

Organize Work Orders

The Process Scheduler organizes work orders for the majority of tests repeated daily or hourly. By placing samples to be collected in groups, they can easily be placed online or taken offline. By putting samples for a production line or

samples linked to a process in a group, they can be disabled when that line or process is inactive. Samples can be scheduled at the following intervals: hourly, daily, weekly, monthly, single time and X hour.

What Users Say

Process Scheduler is used by many LABWORKS sites to both streamline sample collection and provide a status oriented interface for users outside the laboratory. Many LABWORKS case studies cite Process Scheduler as an integral component of the solution. For example, Paul Cook of Ethyl Corporation states "Process Scheduler ... saves an untold number of phone calls back and forth to check on the status of a high priority sample. Each unit is set up to see only their department's samples. ... Process Scheduler also serves as a valuable tool for laboratory management. We can easily see the entire backlog and evaluate how it stacks up against available resources."

LABWORKS Process Scheduler (756 Lab Analyst)											
File	Edit	View	Options	Reports	F10E1 Help	Main System				Prints to Collect	Samples
Department											Sample
Resource	Lot Number	Sample ID/Description	LIMS Sample ID	Status	Department	Analyses	Violation	Collective	Comment	Analysis Complete	Time
Sample		E10 191028E GYVCA	AP00012	Results Approved	SH	D-104 D-113 D-140		1/29/2011 12:00:00 AM		1/29/2011 12:00:00 PM	
Schedule		AC9790823E GYVCA	AP00055	Results Approved	SH	D-104 D-113 D-140 D-174		1/29/2011 12:00:00 AM		1/29/2011 11:40:40 PM	
X		SC0384-HYDRO23E	AP00074	Waiting for Analysis	SH	D-113A		1/29/2011 12:00:00 AM		1/29/2011 11:40:40 PM	
Department		TH027806AC ACID	AP00075	Waiting for Analysis	SH	D-104 D-140G		1/29/2011 12:00:00 AM		1/29/2011 11:40:40 PM	
AQUOLUS		IS009089ACA	AP00076	Waiting for Analysis	SH	D-104 D-113 D-140 D-174A		1/29/2011 12:00:00 AM		1/29/2011 11:40:40 PM	
INTERMEDIATE		CE027596S	AP00077	Results Approved	SH	D-104	F	1/29/2011 12:00:00 AM	Reference to the One and Five - Selected as	1/29/2011 11:40:40 PM	
QUALITRACK		DE 76 C04323E	AP00078	Results Approved	SH	D-113A		1/29/2011 12:00:00 AM		1/29/2011 11:40:40 PM	
SH		E10 191028E GYVCA	AP00079	Results Approved	SH	D-104 D-113 D-140		1/29/2011 12:00:00 AM		1/29/2011 11:40:40 PM	
MISPECIATION		DETHYLENE GYVCA	AP00080	Results Approved	SH	D-104 D-113 D-140G	F	1/29/2011 12:00:00 AM	Water % Out of Spec	1/29/2011 11:40:40 PM	
WASTE		DETHYLENE GYVCA	AP00081	Results Approved	SH	D-104 D-113 D-140G		1/29/2011 12:00:00 AM		1/29/2011 11:40:40 PM	
PHANOC		DETHYLENE GYVCA	AP00082	Results Approved	SH	D-104 D-113 D-140G	F	1/29/2011 12:00:00 AM	Ethylene glycol is below minimum specification	1/29/2011 11:40:40 PM	
OPERATIONS		DETHYLENE GYVCA	AP00083	Results Approved	SH	D-104 D-113 D-140G		1/29/2011 12:00:00 AM		1/29/2011 11:40:40 PM	
		LED TOPPED CRUDE	AP00085	Waiting for Analysis	INTERMEDIATE	IS-145A		1/29/2011 12:00:00 AM		1/29/2011 11:40:40 PM	
		CRUDE D04221143 CRUDE	AP00087	Waiting for Analysis	INTERMEDIATE	IS-145B D-104		1/29/2011 12:00:00 AM		1/29/2011 11:40:40 PM	
		CRUDE D04221171E9P	AP00088	Waiting for Analysis	INTERMEDIATE	IS-145A D-104 D-102A		1/29/2011 12:00:00 AM		1/29/2011 11:40:40 PM	
		AG-313A 101916	AP00089	Waiting for Analysis	AG-KOOL	04215A		1/29/2011 12:00:00 AM		1/29/2011 11:40:40 PM	
		DCR 223	AP00090	Results Approved	IS-170GATION	D-104 D-104		1/29/2011 12:00:00 AM		1/29/2011 11:40:40 PM	
		SCR 223	AP00091	Results Approved	IS-170GATION	D-104 D-104		1/29/2011 12:00:00 AM		1/29/2011 11:40:40 PM	
		AQUOLUS 101916	AP00092	Waiting for Analysis	AG-KOOL	D-113A		1/29/2011 12:00:00 AM		1/29/2011 11:40:40 PM	
		CRUDE D04221171E9P	AP00093	Waiting for Analysis	INTERMEDIATE	IS-145A D-104 D-102A		1/29/2011 12:00:00 AM		1/29/2011 11:40:40 PM	
		Ethane 400 2407 Chertewing 10	AP00094	Results Approved	PHANOC	CALIBRATION		1/29/2011 11:40:40 PM		1/29/2011 11:40:40 PM	
		HF 101916 AC	AP00095	Results Approved	PHANOC	CALIBRATION		1/29/2011 11:40:40 PM		1/29/2011 11:40:40 PM	
		Water Vapor 0103 Chertewing 10	AP00096	Results Approved	PHANOC	CALIBRATION		1/29/2011 11:40:40 PM		1/29/2011 11:40:40 PM	
		Diene 400 2407 Chertewing 10	AP00097	Ready to collect	PHANOC	HEAVY METALS		1/29/2011 11:40:40 PM		1/29/2011 11:40:40 PM	
		HF 101916 AC	AP00098	Ready to collect	PHANOC	MATERIALS		1/29/2011 11:40:40 PM		1/29/2011 11:40:40 PM	
		Diene 400 2407 Chertewing 10	AP00099	Ready to collect	PHANOC	MATERIALS		1/29/2011 11:40:40 PM		1/29/2011 11:40:40 PM	
		Diene 400 2407 Chertewing 10	AP00100	Ready to collect	PHANOC	CALIBRATION		1/29/2011 11:40:40 PM		1/29/2011 11:40:40 PM	
		HF 101916 AC	AP00101	Ready to collect	PHANOC	CALIBRATION		1/29/2011 11:40:40 PM		1/29/2011 11:40:40 PM	
		HF 101916 AC	AP00102	Ready to collect	PHANOC	CALIBRATION		1/29/2011 11:40:40 PM		1/29/2011 11:40:40 PM	
		DC 1482908 ECA 163 PRODUCT	AP00113	Results Approved	INTERMEDIATE	IS-145A D-104 D-102A		1/13/2011 12:00:00 AM		1/13/2011 12:00:00 AM	
		DC 1482908 ECA 163 PRODUCT	AP00117	Waiting for Analysis	INTERMEDIATE	IS-145A D-104 D-102A		1/13/2011 12:00:00 AM		1/13/2011 12:00:00 AM	
		DC 1482908 ECA 163 PRODUCT	AP00118	Results Approved	INTERMEDIATE	IS-145A D-104 D-102A		1/13/2011 12:00:00 AM		1/29/2011 11:40:40 PM	
		DC 1482908 ECA 163 PRODUCT	AP00120	Waiting for Analysis	INTERMEDIATE	IS-145A D-104 D-102A		1/13/2011 12:00:00 AM		1/13/2011 12:00:00 AM	
		DC 1482908 ECA 163 PRODUCT	AP00123	Waiting for Analysis	INTERMEDIATE	IS-145A D-104 D-102A	F	1/13/2011 12:00:00 AM	Water is above specification	1/29/2011 11:40:40 PM	
		DC 1482908 ECA 163 PRODUCT	AP00124	Waiting for Analysis	INTERMEDIATE	IS-145A D-104 D-102A		1/13/2011 12:00:00 AM		1/29/2011 11:40:40 PM	
		DC 1482908 ECA 163 PRODUCT	AP00125	Waiting for Analysis	INTERMEDIATE	IS-145A D-104 D-102A		1/13/2011 12:00:00 AM		1/29/2011 11:40:40 PM	
		D04221143 INTERMEDIATE	AP00126	Waiting Supervisor Review	INTERMEDIATE	D-104 IS-145A D-104A_3PHURETES	F	1/29/2011 12:00:00 AM		1/29/2011 12:00:00 PM	
		D04221143 INTERMEDIATE	AP00127	Waiting for Analysis	INTERMEDIATE	D-104 IS-145A D-104A_3PHURETES		1/29/2011 12:00:00 AM		1/29/2011 12:00:00 PM	
		D04221143 INTERMEDIATE	AP00128	Waiting for Analysis	INTERMEDIATE	D-104 IS-145A D-104A_3PHURETES		1/29/2011 12:00:00 AM		1/29/2011 12:00:00 PM	
		D04221143 INTERMEDIATE	AP00129	Waiting for Analysis	INTERMEDIATE	D-104 IS-145A D-104A_3PHURETES		1/29/2011 12:00:00 AM		1/29/2011 12:00:00 PM	
		D04221143 INTERMEDIATE	AP00130	Waiting for Analysis	INTERMEDIATE	D-104 IS-145A D-104A_3PHURETES		1/29/2011 12:00:00 AM		1/29/2011 12:00:00 PM	

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