## PRODUCT NOTE



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<sup>™</sup> 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.



# 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

## **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."

	10	a) 💌		Plaine Settle	People to Cali	ec 🖻			
Department									
Resource	Lot Number	Sample policies rollion	LIMS Sangle ID	904.4	Department.	AWINE	valetion .	CaleCities Concert	AnaysisConglete 1
white the store		EBEHRLINE GERCOL	#P00012	Res. RE-Alternation	100	DHRD-IDIO-14%		2040001 0710000 APA	2010/07/11 2150/06
	1 C 1	ACRYCONTINE	25000113	Basals Approval	10	D-MR D-ITTR-IN-D-ITE		2040001 10/09/00 444	DISACTOR NO. 10
*		RODDAM-HADRONDAE	3F0007W	Making for Analysis	3.01	DUIH		2(34(306) 13(0)(0) AM	
Department		THOSPHORIC ACID	3400075	Waterg for Analysis	3.04	0.1010-14065		2(24/206) 12 (00:00-404	
AQUECUS		ISOPHONINGL	AF00076	Nating for Analysia	101	D-101 D-103 D-194 D-625A		2(24(30)) 1 12(0)(0) AM	
INTERMEDIATE.		CELITE SHS	AF00017	Res.As Aground	APE	0-104		124/2011 12/05/02/AT Agenerational One and they Jackney a	
- QUALIFICATIO		23 % CAUTE	APCOOTS	Area and a second	4.00	2-1124		E242611121220.44	2/240233 4:30:30
-88		DEPENDENCES	APULOTY .	ANS/RT-AUTOMOT	101	D-HILE-IERF-LWH		EPKAL TEININA	SPECIAL STATE
- WRIPEATEN		DRIDHATINE GLACIY	APOUNE	Result Approval	AM .	Del01 D-11010-1446		EDMODEL EDIDORO ANT ANALY IN CAR IN TOM	2/24/0011/01/010
- WASTE		EXEMPTION OF GALOR	MCCCR1	Assada Japanesed	2.00	D-10LD-1610-1496		2(24)2081 83:00:00.84	204001124246
- PWOC ORBATIONS		ETETHYLENE GLYCOL	2400042	Results Approved	248	D-10(D-10)D-1495		2(24/25) 12/03/07/44 Textylene gives a heliow neeries medicated	2/24/810 0558
		ETERHALINE GLYCOL	MOONS	Results Approved	1.00	D-101.0-1030-1480		2(24)2011 12:00100 API	10400110556
		DETHILINE GIVEOL	AP0008H	Result Approved	1.00	D-101 E-1130-1450		2(24/20E) 12:00:00 AH	2/24/2011 2:52-66
		LE'S TOPPED CHUEC	Ar600065	Multing for Analysis	INTERHEDIATE	ED 195A		2124/2011 12:00:00 AM	
		CHLDE DOAZTI/NO CHUDE	AP000007	Nating for Aladeski	INTERHEDGATE	80-1498 0-104		1124(30)   12:03:00 AM	
		CHLDE DCA2218(18:34	APOLIDES	NUMBER OF ADDRESS	INTERMENTE	\$0-1954-0-303 D-362H		E2408E132808049	
		AGENTANING	AFORTON	National for Analysis	againsi	DOTES .		EDICAL ET HERE AM	
	0	\$KA 221	3400040	Reads Approval	VERDOCATION	D-101CD-104		E09/001110/00/00 AM	2042211 4 99-0
		DOA 221	MOOPT:	Ins.At Arrest	INTERCATION	D(101CD)108		201001120060.01	2/04/2011 4:00:00
		ACLEOUG ROUTE	AF00012	Infating for Analysis	AQUEOUS	0.0104		2242061 12/00/00 AM	
		CRUDE D CA2D/F/D 43#	A/1000912	Watting for Avaluate	INTEROFEMANT	80-045A-0-000-0624		E29402061 82-00-00 AM	
		Diverse 450 South Chromotogers	APUID IN	Result approved	INVEC	DUBATOR .		1001001154500HH	2010/0111111-01111
		IN THIS AC	APULLIN	RES. ALL ADDRESSED	PHILOC	CALDAN EPS		20100213-95-00 PM	100403110-018
	-	Swintow Caughting	APRILING.	Are do Arground	INMER.	CALIFICATION		10400011046003H	2/24/2011 10:45:46
		Dimes 400 los Overallegre		Ready to relief	INMADE	MONBANCE			and the second second second
		HE STOL CT	MODOW	Ready to collect	HMADC	HANDALIN			
		Poletine Care 600 GC	AF00010	Ready be called:	INNEC	PUDIAWAGE			
	-	Darps 400 Jos Chursdages		Randy be select	THEC	CAUDINITION			
		19 20 10 20	Arootau	Fendple admit	PWEC	CALEMATERY			
		Persone Carus 500-02	AF00040	Reads to used	PWEC	CALEMATION			
		HE TONE OF	APRIL (3	Res. #1 - Attraved	and the second s	CALMACKY .	_	223(201) +25 (0) PM	2/2010/10/2010
	COLUMN TWO IS NOT	DEA INSTRUCTURE	APROLIS	Writing Vy Andurie	INTERMEDIATE	40-1454-0-00CD-00	_	011200112/0140424	ALCOND. CO.
		DCA INSPRICT.	100013	Reading for Analysis	INTERMINARY	\$5-1814 D-2010 D-201		111 YOR I TOTOLO AN	
		DCA INTRODUCT	avece:s	Reads Jeponed	NUMBER	\$0.365A0.301C0.003			20420115-610
		DCA 163 PRODUCT	MOCL18		INTERNET DUTE	ED 1954 D 101C D 103		115001 12000 AM	STATISTICS STATISTICS
				Malong for Analysis					
		EGA 163 Phoous?	AFECE38	Walking for Avaluate	NTERMEDIATE	\$0-145A-0-101C-0-103		(16/2061 12/09/00 AVA	The second s
		ECA 163 PRODUCT	APOOL12	Read Reprinted	INTERNETIANT	83-040A 3-000 C 0-000		ELECTRE EDITORY is and it above perification for	2/24/2014 10:41:00
		ECA 163 PRODUCT	APOOL23	wistow for Analysis	DIERHEISATE	80-145A D-301C D-353		4119/2061 32:00:00 AM	
		ECR INTERCOLUT	APUEL24	Name for Address	PATERIMONALT	ED-1454 (1-201 C D-203		4(2008) 12:00:00 AM	
	10.1416/9/30	DCA 16189COLCT	MODE25	Wating for Analysis	AMAMIDAR	\$0-146A.D-301C.D-303		121208112:00004M	a los foreito en en en
		DCA221/143 INTERMEDIATE		Waking Supervisor Ranteur		C-104 (D-3453 D-3545, 340, PETES		2(25/20) 1 12:00:00 AM	2/25/2811 12:30-0
	-	DOADDIAND INTERNEDUNE		Waking for Analysis	INTERMEDIATE	O-104 \$D-3453,D-354A_34PLFETES		2;25(200) \$2:00:00 AM	
		DCA221/043 WYERHEDDATE		Wating for Analysis	NEOREDATE	D 101 \$D HEAD ISHA, INFURITES		2(25)306 ( 12/00-60 AV)	
	-	DOAZEL/140 INTERNEDGATE		Malong for Analysic		D-1014D-HGAD-ISNA_3HUALTIES		2/25/2011 12:00:00 AM	
		DCALLI/LIG INTERNEDIATE	AP00136	Nating for Aladyski	THERHEIGHTE	D-104 \$D-1454 D-154A_34FURETES		1(29/2001 12:00:00 AM	
	4,853	CHEER DOALLING CHEER	APODE31	Witting for Whatyse	TRUCKINAL	0101201438		E(25/2011 12/00H00 APr	

Microsoft® Outlook® interface for streamlined navigation.

PerkinElmer, Inc. 940 Winter Street Waltham, MA 02451 USA P: (800) 762-4000 or (+1) 203-925-4602

www.perkinelmer.com



For a complete listing of our global offices, visit www.perkinelmer.com/ContactUs

Copyright ©2003-2011, PerkinElmer, Inc. All rights reserved. PerkinElmer® is a registered trademark of PerkinElmer, Inc. All other trademarks are the property of their respective owners