FlackTek SpeedMixer®

Set-Up and Operation Manual

FlackTek SpeedMixer® DAC 1400-1000 Adjustable Arm 220V

USERS MANUAL READ AND UNDERSTOOD.
Manno Azyrta Ola.
MAN 28 FEB 2024

Machine identification: FlackTek SpeedMixer®

Machine Serial No.:

![FlackTek SpeedMixer logo]

Medium Machine Performance Validation

Model Number: DAC 1400-1000 HA Serial Number: 2311490002

This validation confirms the following machine readouts: arm speed, timer, and vacuum gauge (where applicable) are accurate. Validations are performed using standards and equipment which are certified traceable to the National institute of Standards and Technology (NIST).

Speed Validation

Setting (RPM)	Instrument Reading (RPM)	Acceptable Deviation	Result (Pass/Fail)
		(+/- 1%)	(Pass) Fail
Min [800]	800	(+/- 1%)	Pass Fail
Med [1200]	1200	(+/- 1%)	Pass Fail
Max [1600]	1600		

Instrument: Monarch Instrument Nova-Strobe BBX   ReCal Date: 5/5/2023
Calibration Date: 5/5/2022   S/N: 2535048
Calibrated by: MLUTHER at Transcat

Timer Validation

Setting (Seconds)	Instrument Reading (mm:ss.00)	Acceptable Deviation	Result (Pass/Fail)
30	:30.00	(+/- 3%)	Pass Fail
90	1:29.81	(+/- 1%)	Pass Fail

Instrument: Control Company 1042 94460-55 Timer   ReCal Date: 2/17/2024
Calibrated Date: 2/17/2022   S/N: 221263407
Calibrated by: Technician ID#413 at Control Company

This certifies that the identified unit was produced in accordance with the manufacturer's specifications. All direct and associated processing materials have been tested and approved.

All process, testing, and calibration validation operations have been verified as acceptable by the Quality Assurance Department in conformance with the requirements of our quality standards and are certified to meet all general performance specifications.

Operator Name: Alyssa Bell   Operator Signature: Alyssa Bell

Validation Test Date: 2/28/23

FlackTek SpeedMixer®

Medium Machine Performance Validation

Model Number: DAC 1400-1000AA **Serial Number:** 2311490004

This validation confirms the following machine readouts: arm speed, timer, and vacuum gauge (where applicable) are accurate. Validations are performed using standards and equipment which are certified traceable to the National Institute of Standards and Technology (NIST).

Speed Validation

Setting (RPM)	Instrument Reading (RPM)	Acceptable Deviation	Result (Pass/Fail)
Min [800]	800	(+/- 1%)	Pass Fail
Med [1200]	1200	(+/- 1%)	Pass Fail
Max [1600]	1600	(+/- 1%)	Pass Fail

Instrument: Monarch Instrument Nova-Strobe BBX
Calibration Date: 5/5/2022
Calibrated by: MLUTHER at Transcat
ReCal Date: 5/5/2023
S/N: 2535048

Timer Validation

Setting (Seconds)	Instrument Reading (mm:ss.00)	Acceptable Deviation	Result (Pass/Fail)
30	:29.84	(+/- 3%)	Pass Fail
90	1:30.09	(+/- 1%)	Pass Fail

Instrument: Control Company 1042 94460-55 Timer
Calibrated Date: 2/17/2022
Calibrated by: Technician ID#413 at Control Company
ReCal Date: 2/17/2024
S/N: 221263407

This certifies that the identified unit was produced in accordance with the manufacturer's specifications. All direct and associated processing materials have been tested and approved.

All process, testing, and calibration validation operations have been verified as acceptable by the Quality Assurance Department in conformance with the requirements of our quality standards and are certified to meet all general performance specifications.

Operator Name: Alysa Bell   **Operator Signature:** Alysa Bell

Validation Test Date: 3/2/23

FlackTek SpeedMixer®

V1.3: 2/20/2023

FlackTek SpeedMixer®
Automatic Label Printer

Example Label:

01.Mix Name

Status			Pass
Vacuum			Enabled
Venting Gas			Nitrogen
Continuous Purge			Disabled
Acceleration			500 RPMS
Deceleration			500 RPMS

Stage	RPM	Time	mBar
1	1111	11:22	500
2	1111	11:22	500
3	1111	11:22	500
4	1111	11:22	500
5	1111	11:22	500
6	1111	11:22	500
7	1111	11:22	500
8	1111	11:22	500
9	1111	11:22	500
10	1111	11:22	500

09/29/2022 8:51

Supported Products		
	Label Requirements	
Printers (Zebra ZD400 Series 4")	**Roll size**	**Width**
ZD420 Direct Transfer		2" to 4"
ZD420 Thermal Transfer	1" Core Rolls	
ZD421 Thermal Transfer		**Height**
ZD421 Direct Thermal		2" to 6"
ZD421 Ribbon Cartridge		

Requirements & Configuration

FlackTek SpeedMixer:
1. Software Version 3.96 or greater.
2. Label size and DPI set to match printer

Information provided on label:
1. Program number, User defined mix name
2. Mixer status, program options selected by user
3. Stages completed, speeds, run times, and vacuum level
4. Date and time mix was completed

Label Printer:
1. Printers MUST have the ethernet interface installed to work with FlackTek SpeedMixer products.
2. Install 'Zebra Setup Utilities to configure device''
3. Set indent settings to 0.00" on all sides.
4. Set ZPL II as language
5. Set Printer IP to 10.10.1.69

Pre-Purchased Setup:
FlackTek SpeedMixers purchased bundled with printer will come pre configured and ready to use.

*For a complete setup guide please contact FlackTek SpeedMixer at www.speedmixer.com

User Manual read and understood 04 Feb 2024 AQ4