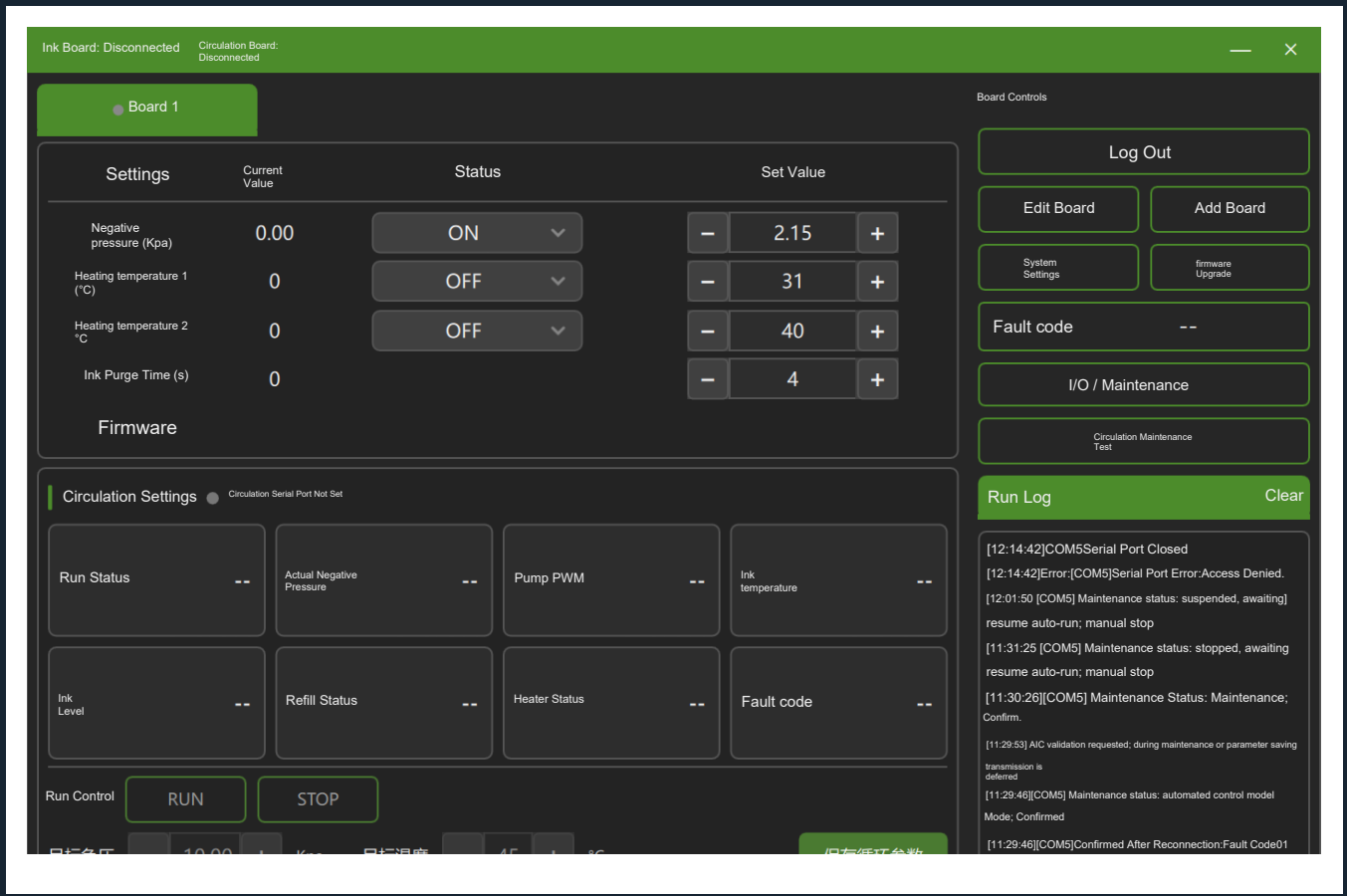
INK MANAGEMENT / PRODUCT GUIDE

InkLink

Intelligent Ink Supply Management Software

Parameter management · Status monitoring · Guided maintenance · Ongoing updates



Parameters, status and operating logs in one interface

PRODUCT CATALOGUE / 2026.09

01 / Software positioning

One interface for the entire ink supply workflow

InkLink brings parameter settings, operating status, maintenance procedures and fault records into one application.

01 / PARAMETER

Parameter management

Set, save and read back negative pressure, heating and related timing parameters in the interface.

02 / STATUS

Status monitoring

View operating status, actual readings, alarms and logs together.

03 / CARE

Guided maintenance

Access guided workflows for ink filling, negative-pressure adjustment, draining, overflow handling and self-checks.

04 / UPGRADE

Version updates

A firmware update entry point and version information support future maintenance and updates.

Separate access for routine operation and engineering maintenance

Operators can view status and alarms; authorized engineers can access adjustment, self-check and update functions. Each task follows a defined workflow in one application. Available functions depend on the software and firmware versions.

02 / Software interface

Check settings and status on one screen

Keep common settings, circulation status and operating logs together for faster on-site checks.

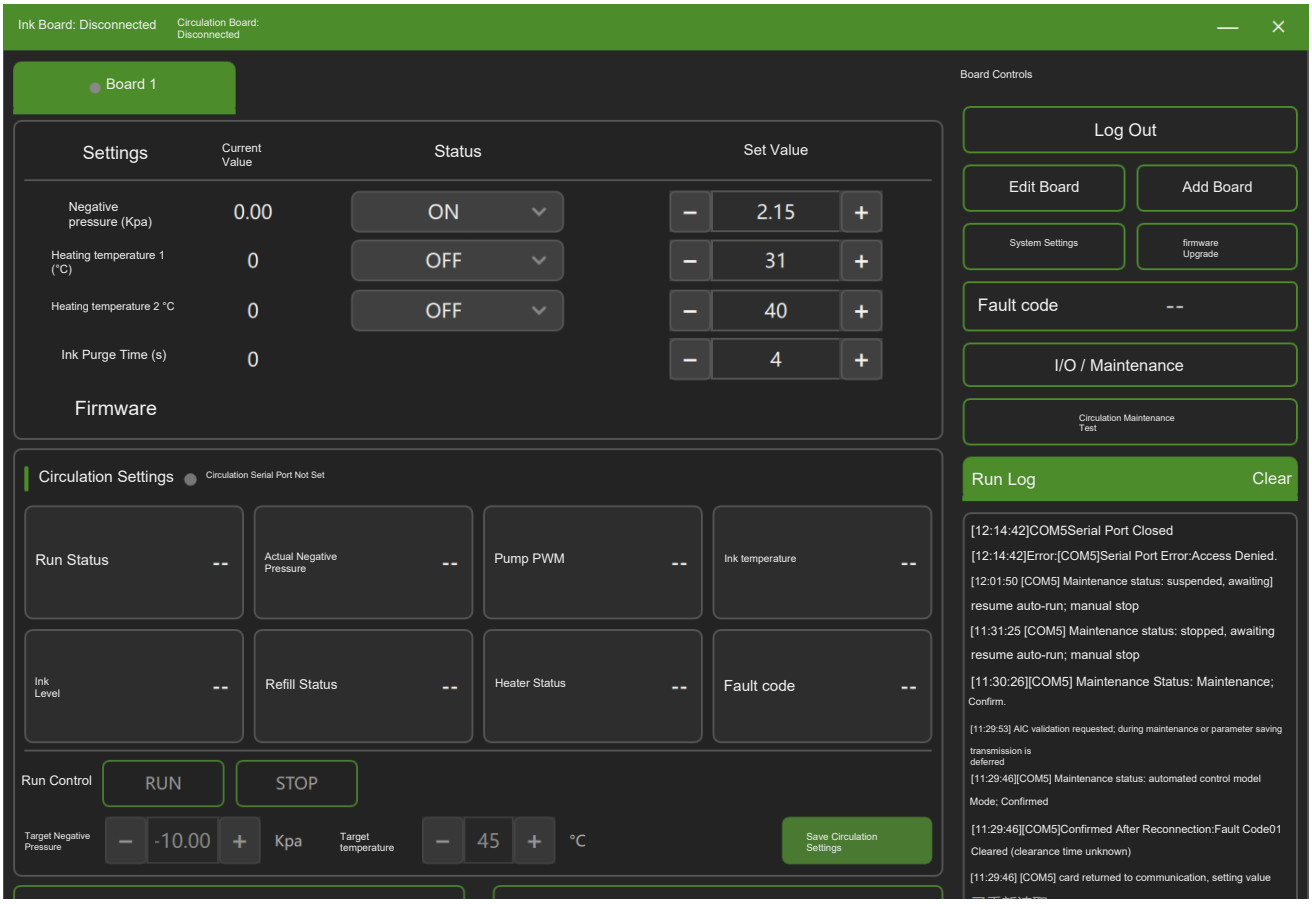


Illustration of InkLink control parameters and operating status

01 / PARAMETER

Parameter settings

Set the target negative pressure, temperature and related action times in the interface.

02 / FEEDBACK

Status readback

View pressure, pump PWM, ink level, ink refill, heating and fault information.

03 / Parameter management

Fine-tune settings and check current status

Set and save common parameters in one place, with actual and target values displayed side by side.

0.01 kPa

Set step for negative pressure parameters

This is the adjustment increment in the interface. It does not indicate sensor accuracy, steady-state fluctuation or actual control error at the nozzles.

01 / SETPOINT

Set target values

Adjust negative pressure, heating temperature and action times on one page.

02 / READBACK

Read back actual values

Target values and current readings appear together, reducing repeated page switching.

03 / SAVE

Save parameters

Save settings and retrieve the configuration after reconnecting.

04 / LOG

Track changes

Use operating logs to review alarms, reconnections and status changes.

0.01 kPa is the software setting increment; actual control performance depends on the equipment and operating conditions.

04 / Guided maintenance

Six entries for different maintenance tasks

The menu provides defined procedures for ink filling, adjustment, draining, fault handling and self-checks.

01 / INK

Manual ink filling

Refill the specified side while monitoring ink level and process status.

02 / PRESSURE

Negative-pressure adjustment

Follow the on-screen steps and observe pressure changes and operation feedback.

03 / DRAIN

System draining

Select the drain path by ink line and side.

04 / OVERFLOW

Ink overflow handling

Follow the guided procedure for the affected side instead of acting without status feedback.

05 / SELF-CHECK

System hardware self-check

Read communication, fault and sampling status in the software.

06 / TEST

Hardware testing

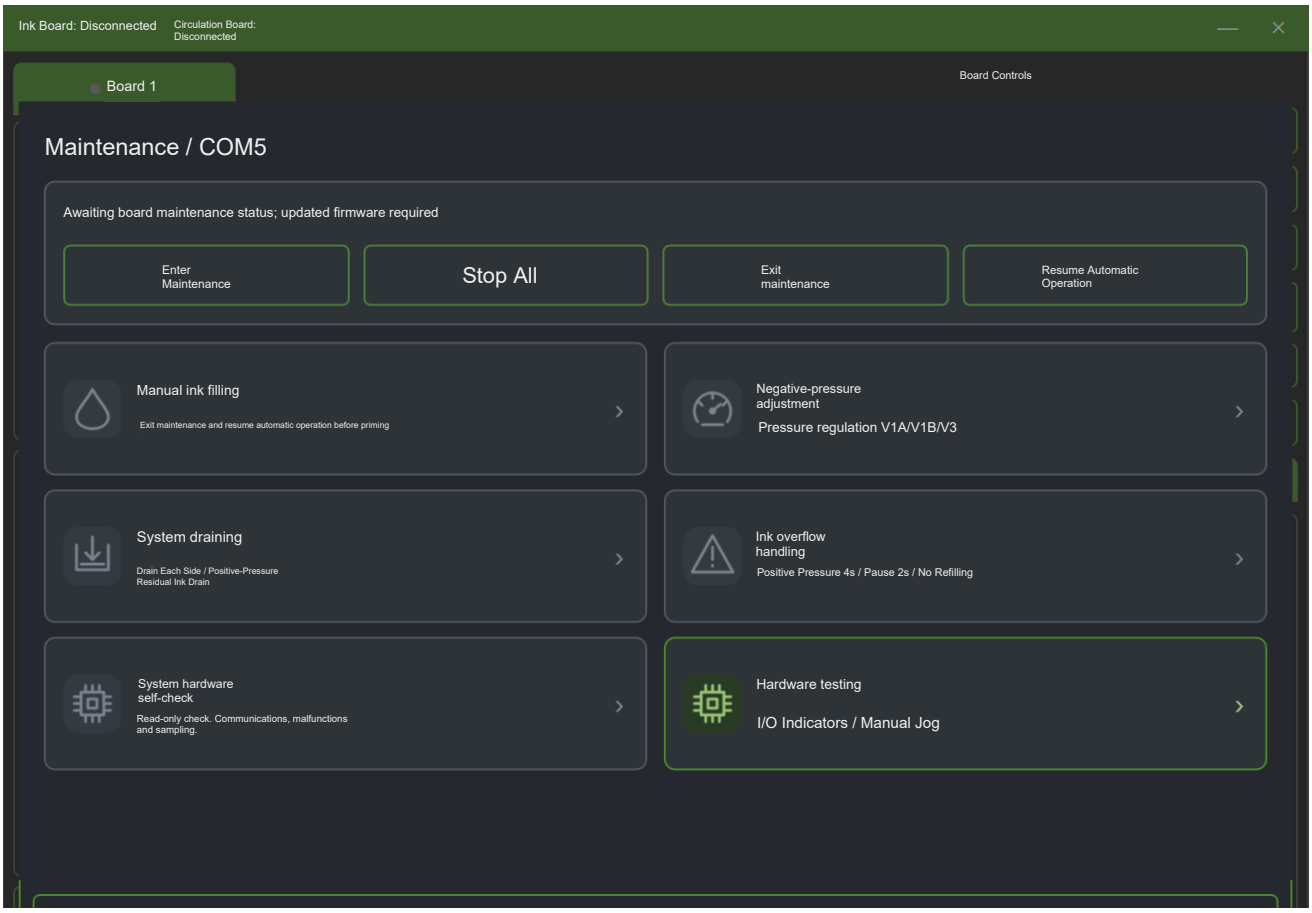
Use the software to check inputs, outputs and actuator actions.

Maintenance menus require feedback from compatible firmware. Available functions, permissions and procedures depend on the delivered version.

05 / Operating workflow

A step-by-step maintenance menu

The software presents maintenance functions together with status feedback and logs so operators can verify that each action is complete.



Illustrative maintenance menu; the screen is awaiting board feedback.

Startup Preparation	Follow screen prompts to prime ink, make adjustments and resume automatic operation.
Fault Troubleshooting	Use the fault code to select self-checks and tests, then verify operation feedback.

06 / Diagnostics and logs

Use alarms and records to support troubleshooting

Engineers can review software status, fault codes and the event sequence before arranging on-site checks.

Centralized status view	Negative pressure, temperature, liquid level, pump PWM and ink filling are shown by configuration.
Fault code	Fault messages guide checks of communication, status and operating procedures.
Run Log	Record critical state changes, reconnections, operations and malfunctions.
Self-Check Access	Read communication status, faults and sampling results before accessing authorized tests.
Recovery Procedure	Confirm status after maintenance, then follow the procedure to resume automatic operation.

Logs and fault codes assist diagnosis; the equipment must still be checked on site to identify the specific fault.

07 / Software updates

Keep maintenance functions up to date

The update entry point, version information and parameter records support future maintenance and feature updates.

01 / FIRMWARE

Firmware update entry point

Select a compatible firmware version in the interface and follow the update procedure.

02 / REMOTE

Remote update support

Remote updates can be implemented for a project when network access, permissions and supporting services are available.

03 / VERSION

Version verification

At delivery and during maintenance, verify that software, firmware and functions match.

04 / HANDOVER

Change records

Record versions, parameters and changes to support restoration and service handover.

Enable functions by version and control actions by permission

Access to operation, adjustment, testing and updates can be set by user role. At delivery, document available interface functions, firmware version, update conditions and parameter backup methods for operators and service staff.

08 / Software delivery

Turn configured functions into usable on-site procedures

Define interface permissions, parameters, maintenance menus and update methods in an actionable software delivery plan.

User Role	Permissions for routine operation, engineering adjustment and service.
List of parameters	Target value, switch item, action time and default configuration.
Status and Alarms	Operating display fields, fault codes and log-retention requirements.
Maintenance workflow	Procedures for ink priming, draining, self-checks, tests and restarting operation.
Update Plan	Software and firmware versions, backups, network and licensing requirements.

Confirm at delivery

Interface version / Parameter permissions / Status and alarms / Maintenance procedures / Update and backup methods

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