



**INTRODUCING A SIMPLER INSTALLATION OF IMFLUX
THAT REDUCES DOWNTIME AND PUTS YOU IN CONTROL**



THE FUTURE IS IN YOUR HANDS

To make the onboarding process more convenient and efficient, iMFLUX has introduced *iMPORT™* – an innovative installation solution that puts you in control and reduces your downtime – and it is completed in three easy steps:

ORDER, PREPARE, INSTALL. *It is now in your hands.*

iMFLUX'S MOLDING INNOVATIONS WILL GIVE YOU MANY ADVANTAGES:

<i>Autonomous molding</i>	→	<i>Allows for increased material variation with decreased operator adjustments</i>
<i>Increased energy efficiency</i>	→	<i>Reduced cost and reduced carbon footprint</i>
<i>Reduced scrap</i>	→	<i>Increased output, lowered cost and reduced waste</i>
<i>Lighter parts</i>	→	<i>Reduced cost and reduced material consumption</i>
<i>Consistent quality parts</i>	→	<i>Improved dimensional consistency, better part aesthetics, enhanced structural properties</i>
<i>Faster cycle time</i>	→	<i>Increased capacity and reduced costs</i>
<i>Modernize older machines</i>	→	<i>A new way to mold with your existing machine</i>
<i>Low pressure molding</i>	→	<i>Reinvest lower pressure to achieve lower cost, capital – design and mold that impossible part</i>
<i>Material flexibility</i>	→	<i>Run lower cost materials, use difficult materials for non-traditional applications, and expand your design window for parts and molds</i>

INSTALLATION-READY

The iMFLUX *iMPORT™* installation kit is ready for your machine, regardless of make, model or age.

HERE IS HOW YOU WILL BENEFIT:

Install when the timing works best for you

- Reduce the challenges associated with rescheduling external partners due to unpredictable changes occurring in your plant
- Install in short notice (e.g. during a mold change or an unplanned shutdown)

Installed by YOU

Installation

Installed by iMFLUX

Installation

Travel time and scheduling complexities can create extended installation timelines. With iMFLUX's iMPORT™ installation kit, these occurrences are reduced, yielding time savings for you.

Increased flexibility

- Install with short notice
- Modernize your older machines

Easy, step-by-step installation

- Printed guides are included, as well as online video guides
- Software is intuitive with onscreen success notification



Support, training and education

- Support is available by calling your iMFLUX Representative at 833-446-3589 (if outside the USA, call +1-513-275-1856)
- Web-X training sessions, in-person training and education is available from iMFLUX or through iMFLUX training partners

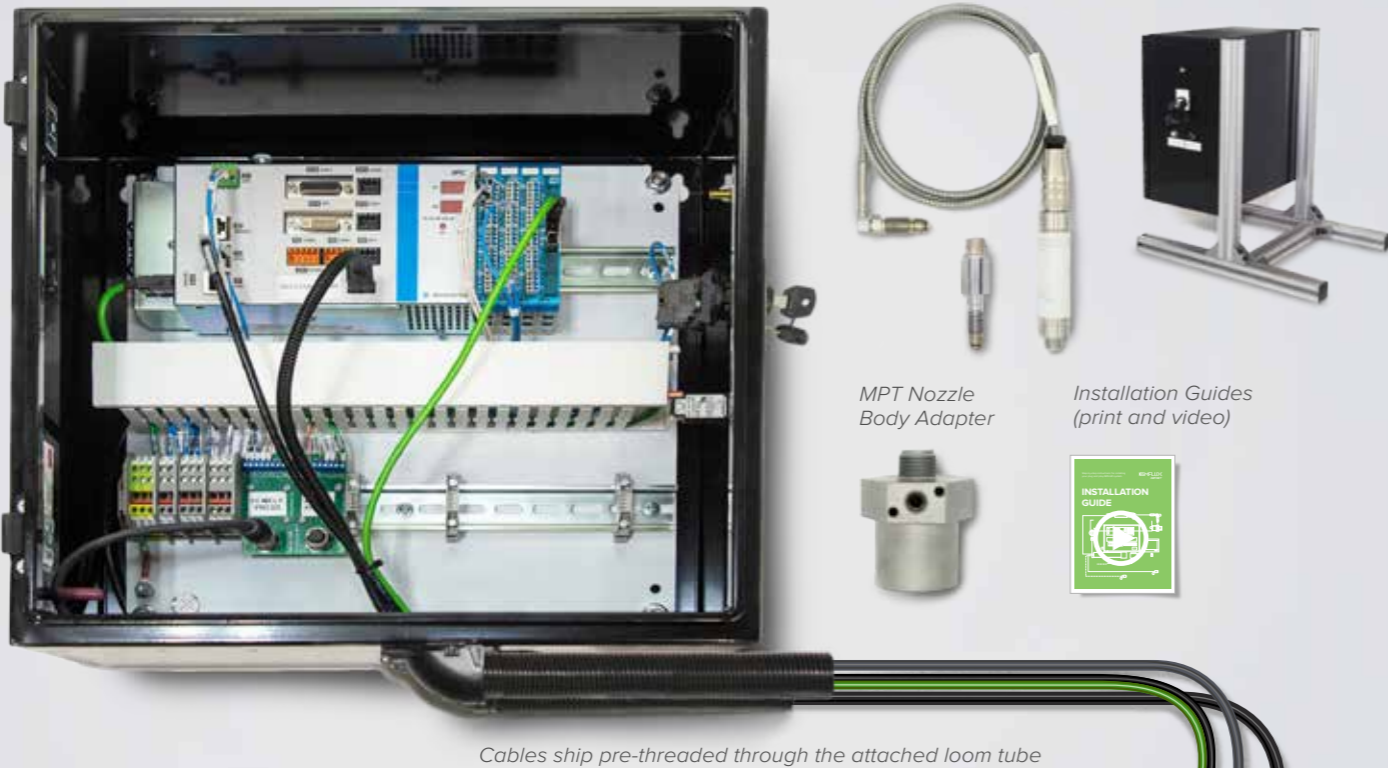
WHAT IS INSIDE THE *IMPORT*[™] NETWORK INSTALLATION KIT:

If you have a newer machine equipped with a network connection, you will require the *IMPORT*[™] Network Kit (older machines may require the *IMPORT*[™] Hardwire Kit - see page 8).

Controller Box, pre-wired to your specific machine's specifications

90° or Bayonet Sensor, Amplifier, and cable

Controller Box ships pre-mounted to stand



Cables ship pre-threaded through the attached loom tube



USB Cable

Network Cable

VNC Cable

MPT Cable

Power Cable

Not to scale. For illustration purposes only.

COMPLETE YOUR INSTALLATION IN 3 EASY STAGES:

STAGE 1: ORDER

Before you order your *IMPORT*[™] installation kit, complete the next two steps:

1 CONFIRM YOU HAVE AN OEM INTERFACE

Your iMFLUX Interface can be procured from your OEM.

For Existing Machines (you currently own):

It is possible that your iMFLUX Interface was installed when you got your machine. If not, contact your OEM.*

For New Machines (you plan to purchase):

When ordering a new machine from your OEM, request an iMFLUX Interface be installed.* Installing it now will prepare your machine for new molding innovations coming from iMFLUX. Plus, it can save you time and money.

* Installation lead times can vary by OEM – consult with your OEM about timing.



2 CONTACT YOUR IMFLUX REPRESENTATIVE TO SUBMIT YOUR MACHINE SPECIFICATIONS

If you do not know who your iMFLUX Representative is, or do not have a contact number, call 833-446-3589 (if outside the USA, call +1-513-275-1856).



STAGE 2: PREPARE

1 Unpack your iMFLUX *IMPORT*[™] installation kit



2 Prepare your tools for installation



3 Review the installation guide



STAGE 3: INSTALL

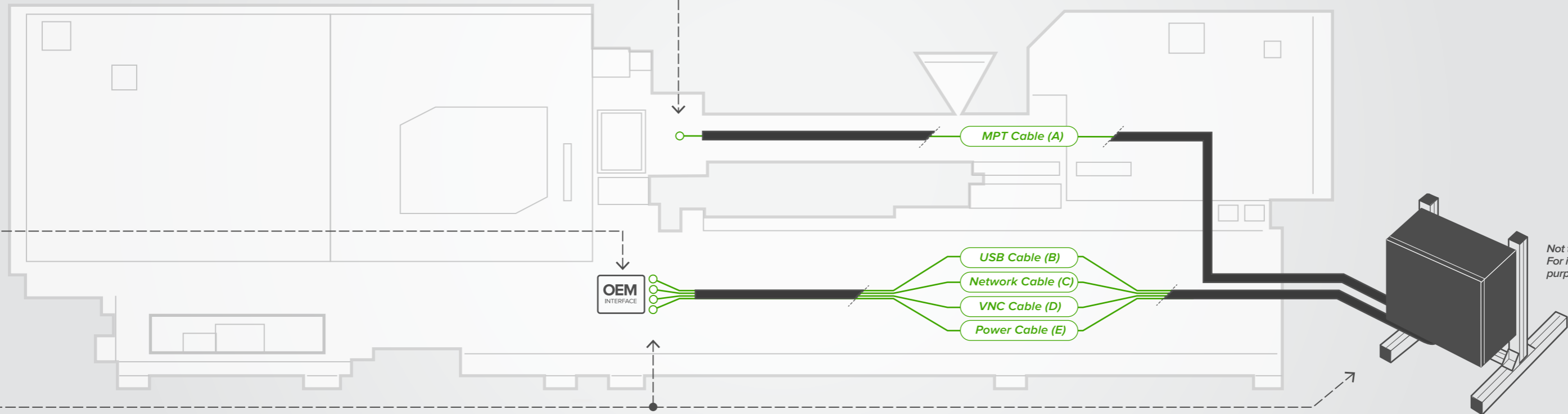
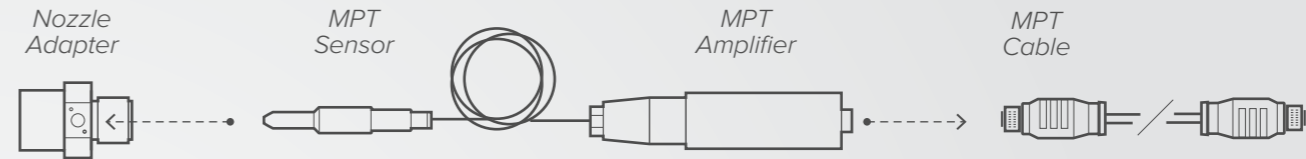
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STEP A INSTALL OEM INTERFACE

Your iMFLUX Interface should now be installed (completed in Stage 1).
Completed in Stage 1

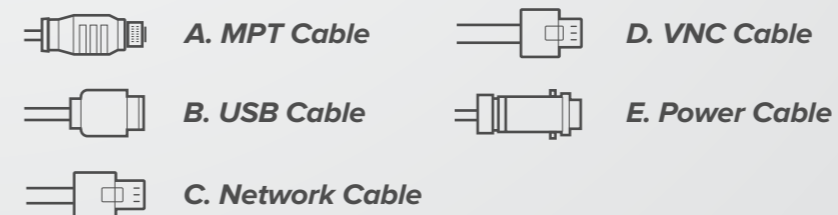
STEP B INSTALL AND CONNECT MELT PRESSURE TRANSDUCER (MPT)

Install Nozzle Adapter and MPT Sensor to machine's injection unit; Connect MPT Sensor to MPT Amplifier; Connect MPT Amplifier to the MPT Cable coming from the loom tube of the Controller Box (an MPT extension cable is available if required).
up to 3 hrs to complete



STEP C POSITION CONTROLLER BOX & CONNECT THE CABLES

Locate Controller Box near your machine (or remove from stand and mount to your machine).
Connect cables that are exiting the loom tube of the Controller Box into the OEM Interface.
up to 1 hr to complete



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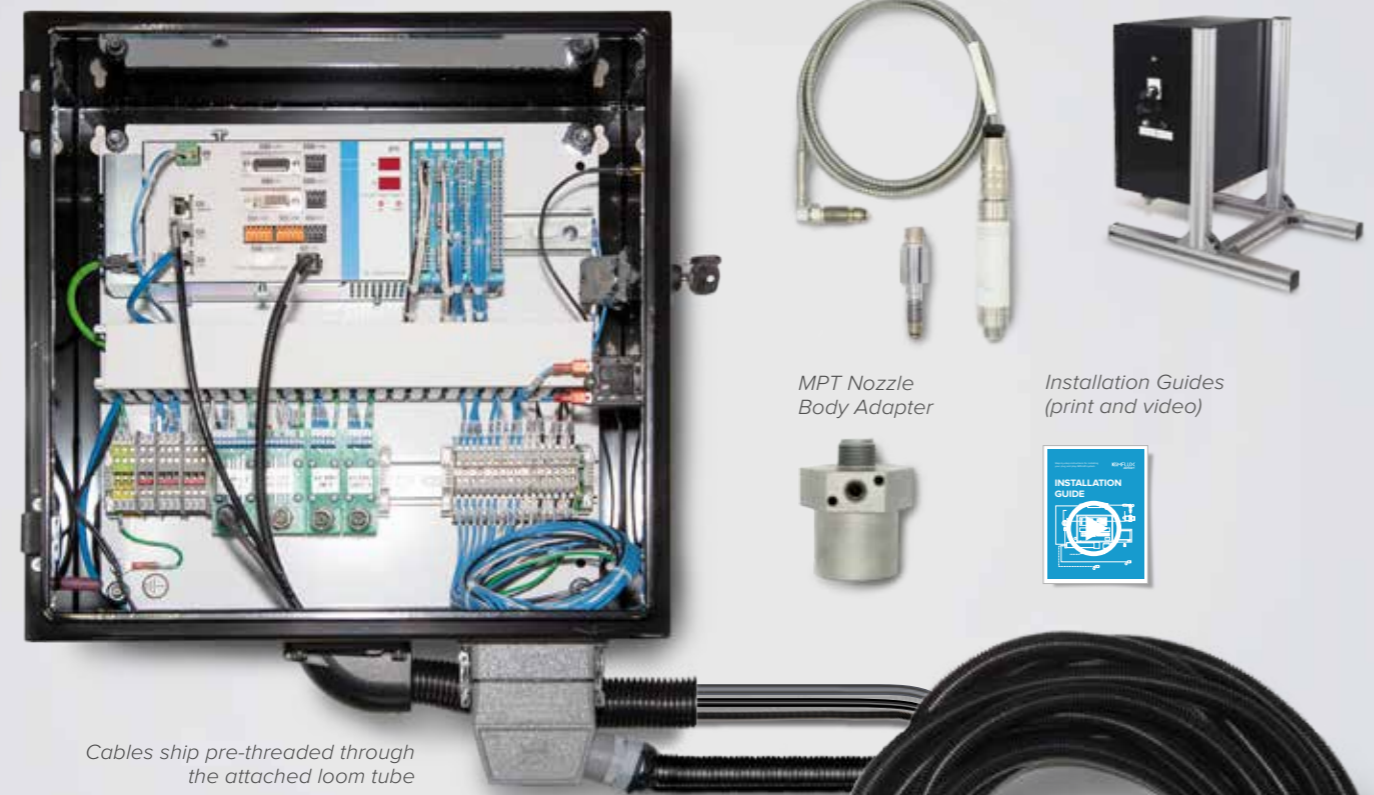
WHAT IS INSIDE THE *IMPORT*[™] HARDWIRE INSTALLATION KIT:

If your machine is not equipped with a network connection, you will require the *IMPORT*[™] Hardwire Kit.

Controller Box, pre-wired to your specific machine's specifications

90° or Bayonet Sensor, Amplifier, and cable

Controller Box ships pre-mounted to stand



MPT Nozzle Body Adapter

Installation Guides (print and video)

Cables ship pre-threaded through the attached loom tube



VNC Cable

MPT Cable

USB Cable

Harting/Power Cable

COMPLETE YOUR INSTALLATION IN 3 EASY STAGES:

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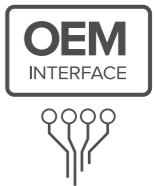
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STAGE 3: INSTALL

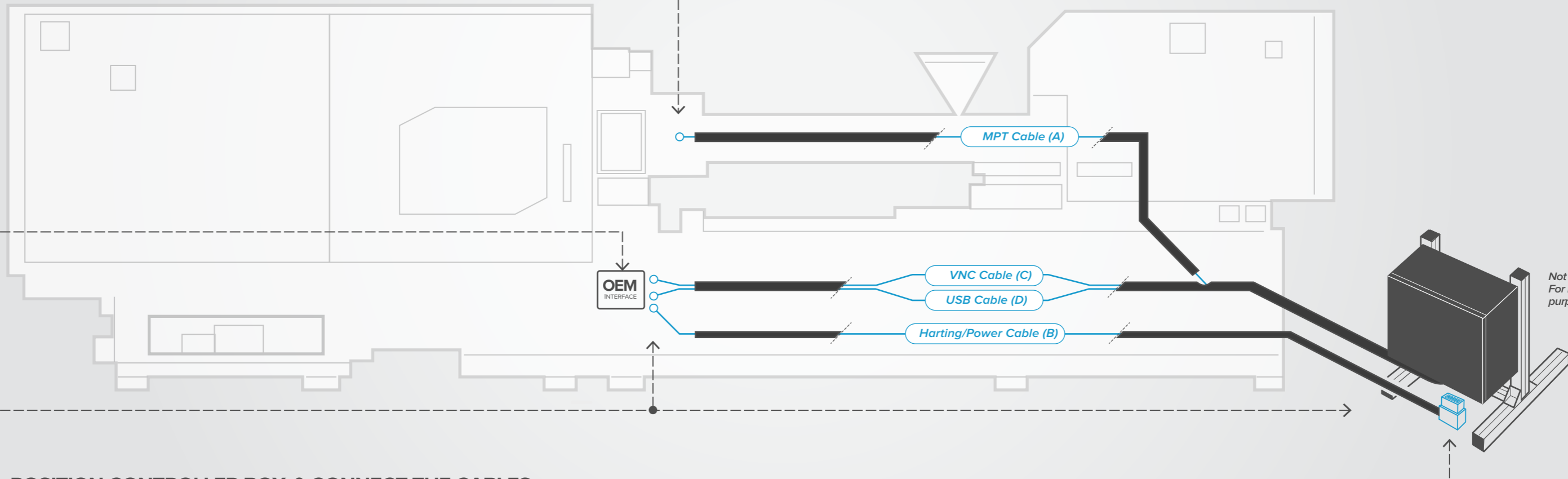
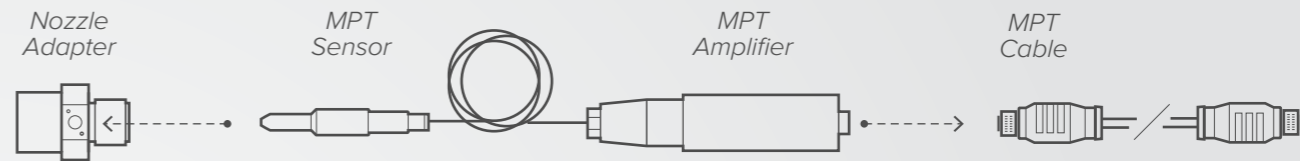
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STEP A INSTALL OEM INTERFACE

Your iMFLUX Interface should now be installed (completed in Stage 1).
Completed in Stage 1

STEP B INSTALL AND CONNECT MELT PRESSURE TRANSDUCER (MPT)

Install Nozzle Adapter and MPT Sensor to machine's injection unit; Connect MPT Sensor to MPT Amplifier; Connect MPT Amplifier to the MPT Cable coming from the loom tube of the Controller Box (an MPT extension cable is available if required).



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STEP C POSITION CONTROLLER BOX & CONNECT THE CABLES

Locate Controller Box near your machine (or remove from stand and mount to your machine).
Connect Harting Cable (B) to Controller Box and the other end to the iMFLUX interface of your machine.
up to 1 hr to complete



Connect the VNC (C) and USB (D) cables that are exiting the loom tube of the Controller Box into the OEM Interface.

OPTIONAL EQUIPMENT:

The iMFLUX system has customization options, such as the Mold Pressure Sensor, MPT Nozzle Body, and HMI Interface. To learn more about customization, contact your iMFLUX Representative.



Mold Pressure
Sensor Interface



MPT
Nozzle Body



HMI User
Interface

TECHNICAL DATA:

ELECTRICAL

Voltage	24 VDC
Frequency	N/A
Maximum Current	5 Amps
Installation/Overvoltage Category	N/A

ENVIRONMENTAL *(indoor use only)*

Degree of Protection	IP52 NEMA12
Temperature Operating Range	0-50 Celsius
Vibration Resistance	EN 60068-2-6 3.5 mm from 5-8.4 Hz 1g from 8.4-150 Hz
Pollution Degree	2
Humidity	10-90% RH non-condensing max
Altitude	2000 m
Storage	-20...85 C

CONNECTIONS

Power	4 pin Harting
Ethernet Control (EtherCat, ProfiNet, VARAN)	RJ 45 shielded
Ethernet Network	RJ 45 shielded
USB	A - Type
Melt Pressure Sensor	8 pin m12 with shield

MISCELLANEOUS

Standard	UL 508 CE Conformity EN 60204-1 EN 55011/1998 with amendment A 1:1999 EN 61800-3
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