

Release Information

7E / 7Ex

Version 1.31

Part number: 95518 – Code 7E
Where use Part#: 95519 – Thumb drive 7E all languages
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1 Version Information

1.1 7E / 7Ex

The following main components are included in the software:

Component	Functionality
Edging	<ul style="list-style-type: none"> - Pulling down a job - Editing job information - Edging lens - Drilling a lens - Re-cut a lens
Maintenance	<ul style="list-style-type: none"> - Cleaning cycle - Cleaning polishing wheels - Tool usage information
Calibration	<ul style="list-style-type: none"> - Probe calibration - Polishing wheel calibration - Axis calibration - Size and bevel calibration - Safety bevel calibration - Multi-cutter calibration - End-mill calibration
Advanced Operations	<ul style="list-style-type: none"> - Password protection - Customized Materials and Frames - Cycle statistics - Pause mode - Drill database - Diagnostic tools
Communication	<ul style="list-style-type: none"> - RS-232 - DCS protocol compatible
Language	<ul style="list-style-type: none"> - English - French - German - Spanish - Portuguese - Italian

2 System requirements

2.1 Minimum hardware requirements

- 7E with floppy drive
- 7E no floppy drive
- 7Ex

2.2 Operating system

Installer package is compatible with the follow operating system:

- Windows 98/Me
- Windows 2000
- Windows XP 32bits
- Windows XP 64bits

3 Fixed errors and new features

3.1 7E & 7Ex

The following new features / bugfixes have been implemented in the application, since the last official release:

Id	Category	Summary	Resolution
1519	Calibration	7EX 1.30 Any pattern blank, cutter motor not fully up to speed before cutter contact blank	fixed
1523	Calibration	Drill Calibration Problem 7EX	fixed
1574	Calibration	When calibrating multi-flute body you cannot select rimless and shelf blade.	fixed
588	Communication	Frame Type Shows Up Incorrect	fixed
1674	Communication	Frame type comes up wrong if Internal job is pulled up after right eye cut of original job on screen.	fixed
40	Cycle	Groove Limitation with Standard Right Side Clamp	no change required
50	Cycle	Clean Groove Recut on Poly or Trivex	no change required
77	Cycle	7E drill slot width	unable to reproduce
126	Cycle	False warning about lens too small	unable to reproduce
842	Cycle	7E, Chemistrie, multiflute cutter installed; the Shelf button is inactive	fixed
1172	Cycle	Cleaning cycle needs to open the door in order to vacuum the inside.	fixed
1262	Cycle	You can currently initiate a drill cycle when there's a grooving wheel in the drill arm instead of a drill bit	fixed
1518	Cycle	1.30 Cycle times too slow	fixed
1524	Cycle	False Door Error	fixed
1728	Cycle	7EX with winged PDA/chuck: Drill damaging pattern blank and damaging drill bit during calibration	fixed
1750	Cycle	When using "internal job" for recut, one cannot start the cycle to perform recut.	fixed
1927	Cycle	7E/7EX internal memory recall/recut will not let job start	fixed
1948	Cycle	If a lens already edged is to be cut as a new job the probe falls off at the end of probing and "NO lens detected" appears.	fixed
1970	Cycle	Drill / groove issue.	fixed
1447	Help screens	ver 1.30 message logs disappear	fixed
1430	Job Entry	Recalling Job From Internal Folder Pulls up Incorrect Frame Type	fixed
1969	Job Entry	7E line needs to have HLP and LMATID options added back into the blank material screen	unable to reproduce
52	Motion Control	Axis Encoder Identification	unable to reproduce
516	Motion Control	Error 645 is not as helpful as it could be	fixed
1135	Motion Control	no option to use specialty blade in primary position on multi-cutter	fixed
1499	Motion Control	Display error message when booting with E-Stop button pressed.	fixed
1520	Motion Control	7EX/1.30	fixed
35	Setup Screens	Default Groove Wheel Diameter for Drill Usage is Incorrect	no change required
298	Setup Screens	Add warning about beta software	fixed
659	Setup Screens	Maintenance screen text	fixed
965	Setup Screens	Special boxes on Material Screen	fixed
1171	Setup Screens	Screen flicker in drill data base screen	fixed
1224	Setup Screens	High luster polish hub	fixed

1493	Setup Screens	Material Screen LMA TID & Polish Options	fixed
1556	Setup Screens	Remove "7E Edger" from the title bar	fixed
1944	Setup Screens	Drill clearance position	fixed
1945	Setup Screens	Add Groove Axis setup parameter	fixed
1961	USB installer	New CPU card cannot use CMOS.DAT from old CPU card	fixed

4 Known restrictions

4.1 Installation / Updates

The universal installer has not been tested under Windows 7 32bits or 64 bits.

5 Installation notes

5.1 Requirements

- File 7E_universal_V1.31.exe
- Windows computer

5.2 New installation

5.2.1 Using a USB thumb drive

1. Copy 7E_universal_V1.31.exe on a computer.
2. Execute 7E_universal_V1.31.exe from the computer
3. Insert an USB thumb drive into the computer
4. Follow instruction on the screen
5. Plug the USB thumb drive into the 7E / 7Ex
6. Start the 7E / 7Ex
7. Follow instruction on the screen

5.2.2 Using a Floppy disk

1. Copy 7E_universal_V1.31.exe on a computer.
2. Execute 7E_universal_V1.31.exe from the computer
3. Insert an floppy disk into the computer
4. Follow instruction on the screen
5. Insert the floppy disk into the 7E / 7Ex
6. Start the 7E / 7Ex
7. Follow instruction on the screen

5.3 Updates


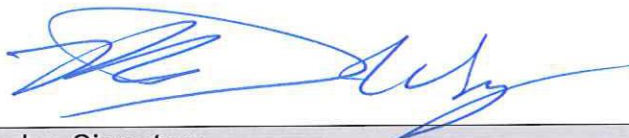
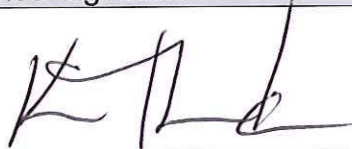


Follow the instruction as for “new installation”.

6 Files locations

Binary files	F:\Release Disk Images\7E USB - 95519
Online binary download	http://nationaloptronics.net/index.php/7E
Product manuals	F:\Manuals\7E F:\Manuals\7EX
Online help and documentation	http://nationaloptronics.net/index.php/7E
Software Release Information (this document)	F:\Release Disk Images\7E USB - 95519

7 Approvals and signoff

Signatures represent the approval to release/deploy the software.

Software Engineering Manager Signature	Date
M. Martinet 	06-24-2013
Project Owner Signature	Date
(none)	
Director of the Research and Development Signature	Date
M. Wagner 	6-24-13
Support Service Signature	Date
K. Thacker 	4/07/13
Director of the Quality Signature	Date
T. Doyle 	6-27
Director of Manufacturing Signature	Date
M. Bergeron 	6-27
Director of Marketing	Date
K. Paddy 