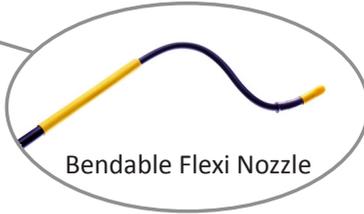


Telescopic Lance with 8m Working Height!



Easily Reaches 8m or more!



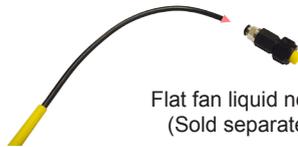
Bendable Flexi Nozzle



DR 5 dusting.



Cone spray liquid nozzle.
(Sold separately).



Flat fan liquid nozzle.
(Sold separately).



Attaches to DR 5 and Birchmeier sprayers.



READ MANUAL BEFORE USE.

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Jubilee Road · Newtownards · County Down · BT23 4YH · United Kingdom

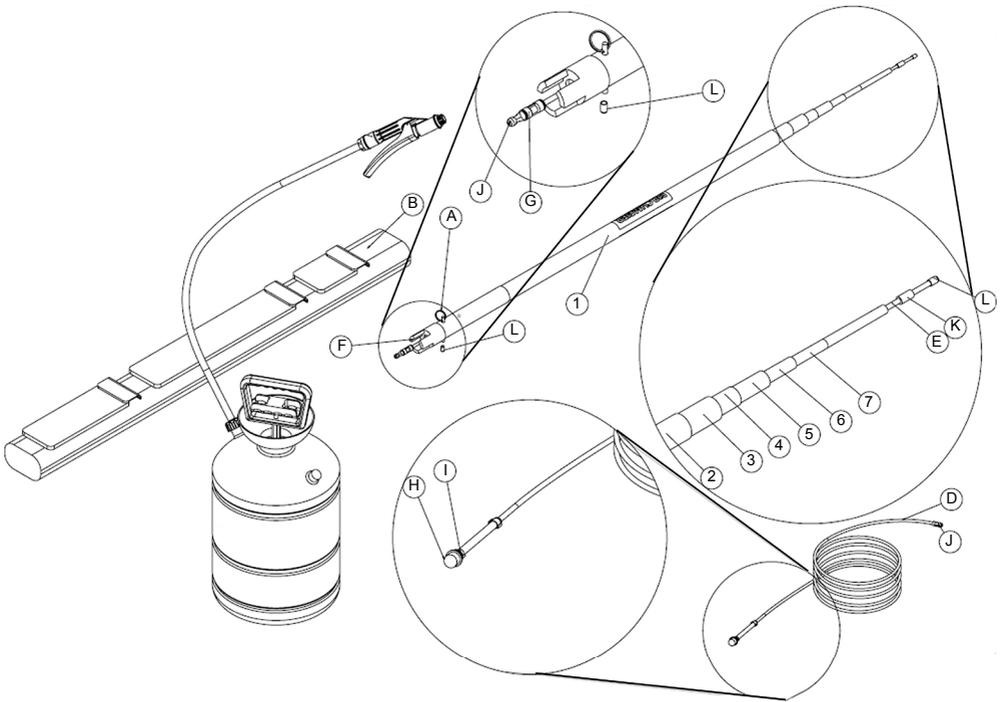
Manual contents: XL 8
8 m Telescopic Lance Series

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Lance Lab Ltd™
C2 Strangford Park
Ards Business Centre
Jubilee Road
Newtownards
BT23 4YH
United Kingdom

T: (0)28 9181 8313
E: Info@lancelab.com
W: www.lancelab.com

Contents list: XL 8
8 m Telescopic Lance Series



Reference	Description	Quantity
A	Safety Pin	1
B	Heavy Duty Carry Case	1
D	8m Hose Kit	1
E	Flexi-tip	1
F	Rubber End Foot	1
G	Compression Fitting 6mm	1
H	Safety Cap	1
I	Connection Nipple G1/4" Outside	1
J	Safety Cap	2
K	Flexible Tip Gasket	1
L	Safety Cap	3

Reference	Description	Quantity
1	Section 1	1
2	Section 2	1
3	Section 3	1
4	Section 4	1
5	Section 5	1
6	Section 6	1
7	Section 7	1

For detailed videos containing tips on using your XL 8 lance see
www.lancelab.com.

Safety information: XL 8

8 m Telescopic Lance Series

Safety Regulations:

- 1.1. Please read the instruction manual carefully before operating this equipment for the first time.
- 1.2. Please observe the safety and warning regulations!
- 1.3. Failure to observe these regulations will exempt the manufacturer of all liability.
- 1.4. Keep the operating instructions in a safe place.
- 1.5. Failure to comply with the safety instructions and warnings can lead to serious injury or death of persons.

Application:

2.1. The equipment can be used to spray the industry recognised insecticides, pesticides, weed killers and liquid fertilizers, as used in the home, in the garden, on the farm, or in vineyards. Do not use oils.

Warning:

- 3.1. During transport ensure equipment is stored in protective carry case.
- 3.2. Do not operate the appliance when other people are in the workspace.
- 3.3. Store equipment and chemicals in a safe place, with end- caps and plugs in place, away from children and animals.
- 3.4. When the lance is passed onto third parties, it must be accompanied by the operating instructions.
- 3.5. Please observe during operation, that the application of pesticides/ insecticides is accordance with any statutory protection acts.
- 3.6. Use of the lance against or during strong wind may cause damage.

Safety Guidelines:

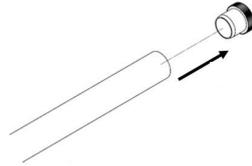
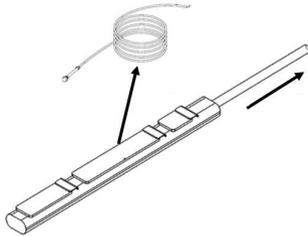
- 4.1. Make sure that the product you wish to apply is suitable for this equipment. The data safety and handling instructions provided by the chemical manufacturer must be noted and observed. The use of chemicals is entirely at the user's own risk. Should you have any doubts in this respect please contact the distributor where you purchased your product.
- 4.2. The lance must not be used with oil substances, caustic substances (e.g. disinfectants or impregnating liquids which attack the skin or materials), corrosive substances (acids) or highly flammable or combustible substances.
- 4.3. Before each use, check to ensure that the lance has been correctly assembled, and that it is in a functional and undamaged condition. Damaged parts must never be used.
- 4.4. To the knowledge of the producer, at the time of manufacturing the unit, the approved pesticide/ insecticide will cause no damage to the materials used to create the appliance.

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C2 Strangford Park
Ards Business Centre
Jubilee Road
Newtownards
BT23 4YH
United Kingdom

T: (0)28 9181 8313
E: Info@lancelab.com
W: www.lancelab.com

Assembly instructions: XL 8 8 m Telescopic Lance Series

1. Remove lance from carry case and remove tubing from pocket.



2. Remove end cap from the lance.



Inspect for damage before each use. Do not use damaged equipment!



3. Remove the top section from the lance.

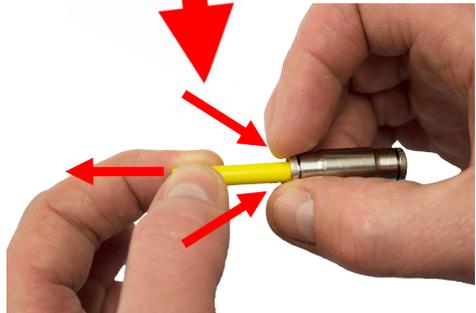


4. Remove the yellow plug from the push fit connector. Store in carry case pocket to be re fitted after use, this prevents moisture entering tubes when not in use, reducing likely-hood of blockage.

To release dust plug / hose from the push fit connector press down the tab; whilst doing this pull the plug/ hose to remove from the connector.

To attach hose / plug to the push fit connector simply push in to place.

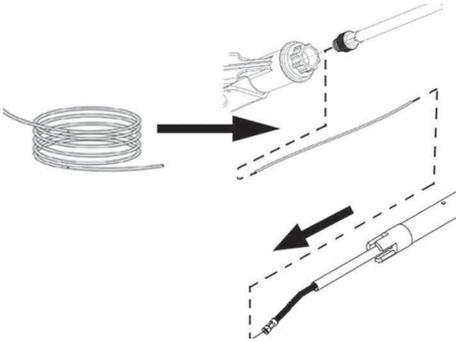
For detailed videos on the using push fit connectors see www.lancelab.com.



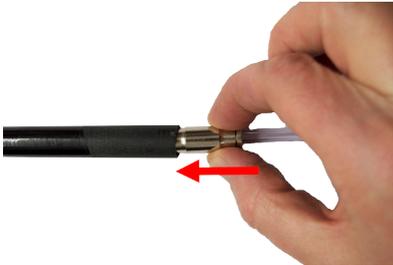
To prevent contamination ensure hoses are fitted properly by pulling on each end before use and the dust plug is in place correctly after use.

Assembly instructions: XL 8

8 m Telescopic Lance Series



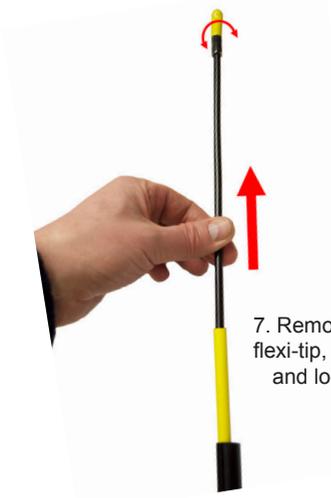
5. Straighten hose kit by gently pulling to remove memory and screw black connector into sprayer trigger; then connect the tubing to the push fit connector from top section of the lance.



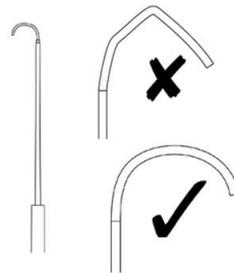
6. Push the top section through the lance and pull through to begin extending the lance for use.



Ensure to guide the push fit connector inside the top section (7) before extending the flexi-tip to avoid catching the push fit connector on the top section (7) and disconnecting the hose.



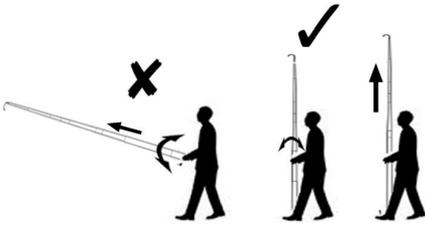
7. Remove the dust cap from the flexi-tip, then extend the flexi-tip and lock in place by twisting.



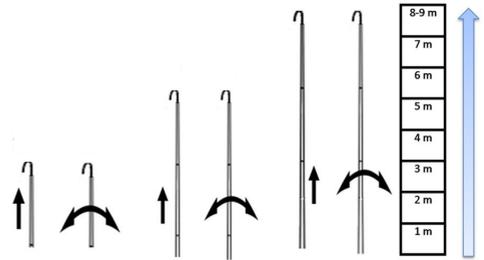
To avoid damage do not bend the flexi-tip sharply!

Assembly instructions: XL 8

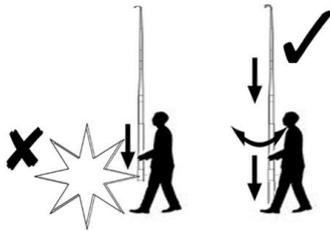
8 m Telescopic Lance Series



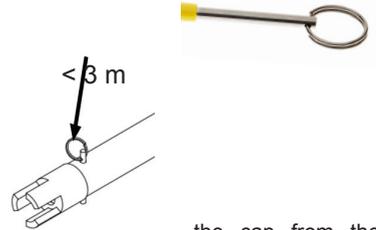
Always extend and retract the pole in a vertical position. Take care to twist and unlock each section joint when retracting.



8. Extend and twist to lock each section. Do not pull sections out too forcefully as joints can be over extended.



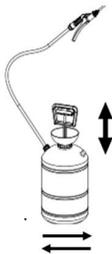
Do not impact end of lance on the ground when retracting! Twist and push to release each section, ensuring the lance remains in the upright position.



the cap from the safety pin, push through hole above rubber foot and refit yellow cap



Ensure the safety pin is in place when the lance is being used at lengths of less than 3m.



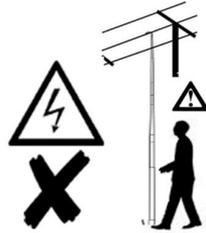
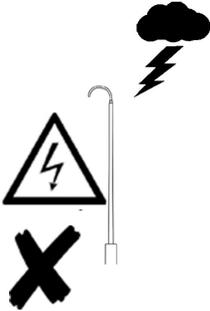
9. When dusting ensure duster is pressurised to 3 bar to ensure efficient product application. Dust blockages can occur from low pressures usage. Bar pressures up to 6 bar can be used for liquid spraying.



5-10 sec

10. Use lance to apply dust. Press trigger for short burst to release product.

Assembly instructions: XL 8 8 m Telescopic Lance Series



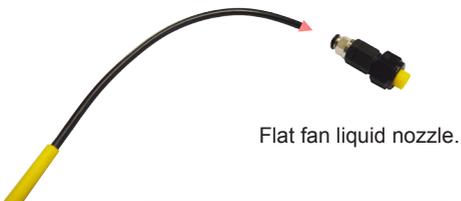
Do not use during electrical storms or during strong winds.



To avoid electrocution do not use lance near over head power cables.

Assembly of liquid nozzles: (Sold separately)

Liquid nozzles are fitted using the same procedure as the push fit connector of an XL 8 tubing kit.



Flat fan liquid nozzle.

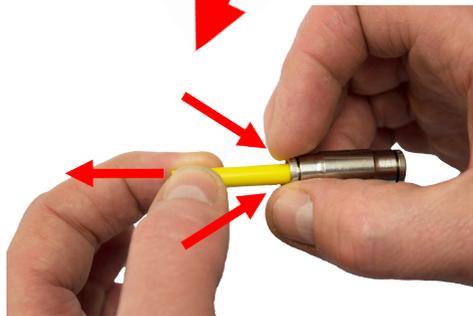


Cone spray liquid nozzle.

To release a liquid nozzle from the flexi-tip remove the retainer clip and press the in tab; whilst doing this pull the liquid nozzle to remove from the connector.

To attach a liquid nozzle to the flexi-tip of XL 8 (nozzle sold separately) simply push in to place on the flexi-tip.

For detailed videos on the using liquid nozzles see www.lancelab.com.



To prevent contamination ensure liquid nozzles are fitted properly by pulling before use and the dust cap is in place correctly after use.

Prolonging your lance's life: XL 8

8 m Telescopic Lance Series

Storage places to avoid:

1. Areas subjected to rain, high humidity or dirty environments.
2. In direct sunlight, or places of extreme heat such as a closed car on a hot summers day or extremely cold environments.
3. Places which experience strong vibrations.
4. Moisture will cause clogging of dust that can cause a blockage. Store your lance in dry conditions.
5. When storing your lance for long periods of time, empty the DR 5 and connect the XL 8 lance, pressurise the DR 5 to 3 bar and release air through DR 5 and XL 8 lance clearing all dust.

Caring for your XL 8:

1. Use a soft brush or soft, dry cloth to remove dust from the XL 8 Lance, hose and carry case.
2. Do not scratch hard objects against the XL 8.
3. The product should be cleaned with a soft, dry cloth only. Do not use volatile substances or cleaning products as these can cause damage.

Tips for using your XL 8:

1. A golf ball can be dropped into the compression chamber of the DR 5 sprayer to mix the dust and reduce compacting.
2. Always ensure to use DR 5 duster at the recommended 3 bar pressure to provide sufficient pressure to prevent dust blockages.
3. To clear dust from the tubing, after each use keep the pole in a vertical position, press the trigger fully whilst pulling the DR 5 pressure release valve **at the same time** to remove excess dust from the system.
4. Purchase a dust unblocking tool and keep in your carry case (see Page 12).

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C2 Strangford Park
Ards Business Centre
Jubilee Road
Newtownards
BT23 4YH
United Kingdom

T: (0)28 9181 8313
E: Info@lancelab.com
W: www.lancelab.com

Maintenance Instructions: XL 8

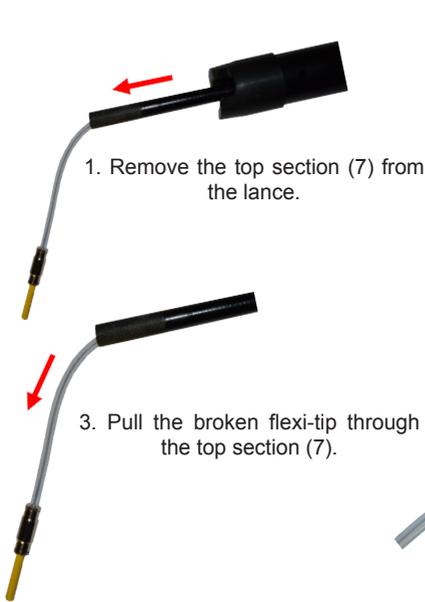
8 m Telescopic Lance Series

For detailed videos on the maintenance and tips on use see www.lancelab.com.

Fitting a replacement flexi-tip:



Ensure the lance is disconnected from any equipment before carrying out any maintenance procedure.

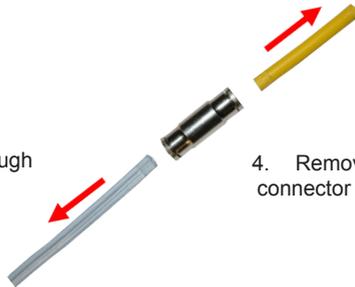


1. Remove the top section (7) from the lance.

3. Pull the broken flexi-tip through the top section (7).



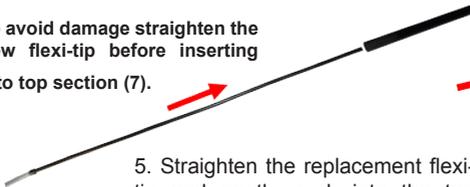
2. With the tip extended in the normal working position remove the dust cap and gasket with a pulling motion and save for reuse.



4. Remove the push fit connector and save for reuse.



To avoid damage straighten the new flexi-tip before inserting into top section (7).

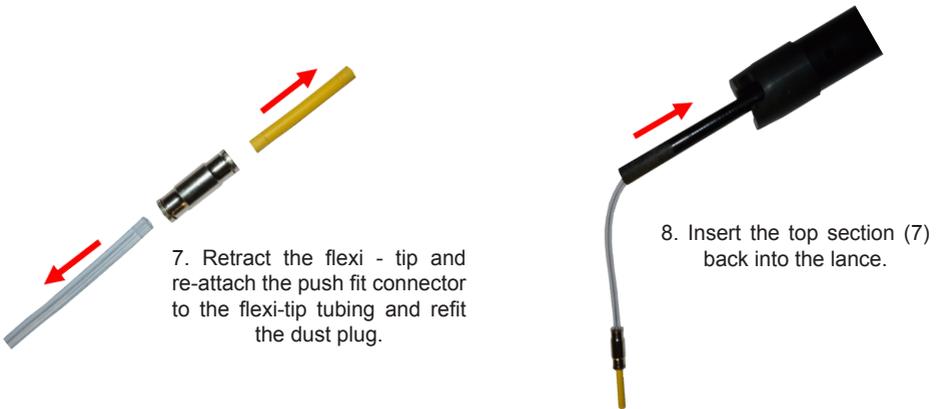


5. Straighten the replacement flexi-tip and gently push into the top section (7). When tip appears, pull through from the top end into the normal working position.



6. With the tip extended in the normal working position replace the gasket and dust cap by using a gentle pushing motion.

Maintenance Instructions: XL 8 8 m Telescopic Lance Series



Replacing a damaged lance section:

When ordering a replacement lance section they are referenced 1 - 7, with section 1 being the handle section (thickest) and section 7 being the tip (yellow tip section).



For detailed videos on the maintenance process see www.lancelab.com.

1. To replace pole sections remove the rubber foot from the XL 8 with a pulling and twisting motion or simply cut off with a knife. Replace the required section then re-attach the rubber foot by pushing firmly into place. (a new rubber foot is supplied with each section).

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Maintenance Instructions: XL 8

8 m Telescopic Lance Series

Clearing dust blockages:

*Dust blockage tool purchased seperately.

2. Connect dust blocking tool to an air line. Begin applying air pressure to the XL 8, up to a maximum of 6 bar to dislodge the blockage.



To avoid damage do not exceed maximum 6 bar pressure.

1. Connect dust blocking tool to the XL 8 flexi-tip.



ALWAYS ENSURE DUST PLUGS AND CAPS ARE REMOVED BEFORE COMMENCING UNBLOCKING



Ensure the dust blocking tool is inserted at least 1 cm onto the flexi-tip, the threaded end cap / dust caps removed and the open end pointing away from all persons.

To clear a hose kit, connect to the push fit connector and continue from step 1. Ensure the dust cap is removed to allow the blockage to pass.

Troubleshooting: XL 8

8 m Telescopic Lance Series

Possible XL 8 issues & solutions:

Problems	Possible causes	Solutions
Product leakage inside XL 8 lance	Tubing is not correctly pushed into the push fit connector.	Push the hose in fully into the push fit connector. See assembly instructions on page 5.
	Dust has built up between the flexi-tip tubing end or the main tubing end at the push fit connector.	Remove the push fit connector and tap on a hard surface to dislodge trapped dust or rinse under hot running water and allow to dry then re-fit to XL 8 lance. See assembly instructions on page 5.
	The flexi-tip or tubing has developed a crack/ hole.	Purchase a replacement flexi-tip. See page 10 for maintenance instructions.
	The hose has developed a crack/ hole.	Purchase a replacement hose kit.
Product not exiting the XL 8 lance	There is a dust blockage inside the main tubing.	Purchase a dust unblocking tool. See page 12 for maintenance instructions.
	There is a dust blockage in the push fit connector.	Remove the push fit connector and tap on a hard surface to dislodge trapped dust or rinse under hot running water and allow to dry then re-fit to XL 8 lance. See assembly instructions on page 5.
	There is a dust blockage in the sprayer trigger/ equipment.	Refer to the equipment manufacturers instructions.
	The flexi-tip has been damaged during use/ storage.	Purchase a replacement flexi-tip. See page 10 for maintenance instructions.
Product leaking from sprayer trigger	The hose is not correctly inserted into the sprayer trigger.	Tighten the nut into the sprayer trigger. See assembly instructions on page 6.
	There is an issue with the sprayer equipment.	Refer to the equipment manufacturers instructions.
Product continues to exit the lance after the trigger is released	There is an issue with the sprayer equipment.	Refer to the equipment manufacturers instructions.
Sections fall down during assembly or use	The pole section needs to be tightened further.	Twist the section tightly to lock in place. See assembly instructions on page 7.
	The pole section is worn and needs to be replaced.	Purchase a replacement pole section. See p 10 for maintenance instructions.

Troubleshooting: XL 8

8 m Telescopic Lance Series

Possible XL 8 issues & solutions:

Problems	Possible causes	Solutions
Dust remains in tubing following product	Bar pressure getting low at end of treatment.	Keeping the pole in a vertical position, press the trigger fully whilst pulling the DR 5 pressure release valve at the same time to remove excess dust in the XL 8 hose.
	There is an issue with the sprayer equipment.	DR 5 seals require replacement. Refer to the equipment manufacturers instructions.

Spares & Replacement Components List:

Reference	Replacement Component Description	Birchmeier Artikel-Nr.
1	XL 8 D Telescopic Lance 7 m (Dust-Version)	119 354 01
2	Heavy Duty Carry Case	119 361 01
3	Flexible tip	119 362 01
4	8 m Hose Kit	119 363 01
5	4 m Hose Kit	119 369 01
6	Tube Section 1	119 511 01
7	Tube Section 2	119 512 01
8	Tube Section 3	119 513 01
9	Tube Section 4	119 514 01
10	Tube Section 5	119 515 01
11	Tube Section 6	119 516 01
12	Tube Section 7	119 517 01
13	Safety Cap Set	119 518 01
14	Compression fitting 6mm	119 519 01
15	Safety Pin	119 521 01
16	Push fit liquid nozzle (Flat fan) (sold separately)	-
17	Push fit liquid nozzle (Cone) (sold separately)	-
18	Dust Blockage Tool (sold separately)	119 371 01

Mini-Flex Flexible Nozzle for DR 5 Duster



- Flexible stay put 54cm nozzle tube.
- Compact, tough and light allowing precision dusting.
- Easily bent to allow access to restricted areas.
- Attaches to a 1.5m dusting lance for extra reach.

Lance Lab Ltd™
C2 Strangford Park
Ards Business Centre
Jubilee Road, Newtownards
County Down, BT23 4YH
www.lancelab.com
028 9181 8313

UK & Ireland Distributors for Mini-Flex



LANCE LAB™

System specification

Model	XL 8 Telescopic Lance Series.
XL 8 Lance Dimensions	7 Sections, 7.1 m lance + 8 m tubing kit.
Sprayer Compatibility	Compatible with Birchmeier DR 5, REC 15, Profi Star 5 and other Birchmeier sprayer equipment.
Flexi-tip Dimensions	25 cm flexi-tip is easily bent to the required angle.
Features	Long and light lance allowing precision spraying and dusting at height. Lance has a working height of 1.5m to 8m and reduces treatment time and the need for access equipment, ensuring compliance with work at height regulations.
Operating Pressure	Up to 3 bar (dusting). Max 6 bar (liquid spraying).
Visibility	10 cm high visibility yellow sight tip.
Storage	Supplied with 1.3 m Heavy Duty Carry case.
Weight	Combined weight approximately 2.9 Kg Operating weight approximately 1.1 Kg

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Newtownards
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United Kingdom

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W: www.lancelab.com