






















# Smart tools



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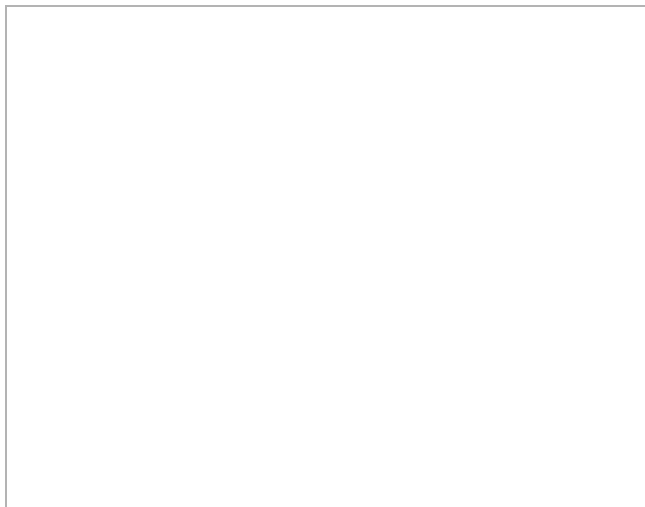
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# SR Cutter

# SRCS2



## Description

Working bench/platform for cutting circular ducts of diameters Ø 80–315 and lengths 200–3000 mm.

The bench is CE approved.

The bench is equipped with:

- wheels – to very easily move the bench to the working spot where you momentarily are,
- foldable legs and a foldable knife arm – to fold the bench to a very compact format,
- adjustable feet – to becomes more stable on uneven surfaces,
- a handle – to offer a good grip when folding and unfolding the bench,
- scale on telescopic arm – to set the wanted duct length,
- rollers – to rotate the duct,
- a knife – to make a designed start cutting hole for the shears,
- an arm – to guide the shears.

Spare parts are available.

## Technical data

<i>Folded</i>	
Length	1 645 mm
Width	470 mm
Height	350 mm
<i>Erected</i>	
Length	1 880 mm
Length (with extended telescope arm)	3 140 mm
Width	630 mm
Height	1 230 mm
Working height	820 mm
Maximum load	75 kg
Weight	23 kg

## Note

The bench is delivered without any:

- Shears – to cut the duct,
- Needle cut pliers – to cut the needle,
- Click pliers – to make the notches for the Click system,
- Click pliers kit – to support the click pliers.

These tools, if wanted, have to be ordered separately.

In order to ...		
cut a duct	cut a duct and cut the needle	cut a duct and cut the needle and make Click notches
you need ...		
SR Cutter	SR Cutter	SR Cutter
+	+	+
Shears	Shears	Shears
	+	+
	Needle cut pliers	Needle cut pliers
		+
		Click pliers
		+
		Click pliers kit

## Ordering example

	<b>SRCS2 3000</b>
Product	
Length	



# Shears

CSS



## Technical data

Model	3514-7R
Power	500 W
Stroke frequency	2400 1/min
Weight	2,2 kg

## Description

Shears to cut circular ducts of sheet metal thickness up to 0,9 mm.

The shears is also suitable for general sheet metal cutting, e.g. holes for take-offs, since it is easy to detach the shears from the bench and it is equipped with jaws for radius cuts.

The cutter comes in four types adapted to the different electrical standards in different countries:

Type	Country	Voltage V	Frequency [Hz]
EU	Most European	230	50
CH	Switzerland	230	50
UK	United Kingdom	110	50
US	United States of America	110	60

Spare parts are available.

## Ordering example



# Shears

# CSSB



## Description

Cordless shears to cut circular ducts of sheet metal thickness up to 0,9 mm.

The shears is adapted to fit on the workbench (SR Cutter), SRCS2.

The shears is also suitable for general sheet metal cutting, e.g. holes for take-offs, since it is easy to detach the shears from the bench and it is equipped with jaws for radius.

## Delivery includes

Cordless shear AK 3514-7R Ni-MH	1 pcs
Batteries	2 pcs
Charger (60 min.)	1 pcs
Transport box	1 pcs

## Technical data

Shears model	3514-7R Ni-MH
Stroke frequency	1 800 1/min
Weight (incl. battery)	2,2 kg

Battery type	NiMH
Voltage	12 V
Capacity	3 Ah
Weight	0,7 kg

Battery charger	PBA 7224 MB
Voltage (power source)	220-240 V (50-60 Hz)
Voltage range (battery)	7,2-24 V
Charge current	1,8 A
Maintaining charge	50 mA

## Spare part

Shears cutting tooth	CSSK
Side cutting edges for shears	SJS
Pin set for shears cutting tooth	CSSKPS
Shim set for shears cutting tooth	CSSSSS
Screw and pin set	SSPS

### CSSK



### SJS



### CSSKPS



### CSSSSS



### SSPS



## Ordering example

	<b>CSSB</b>	<b>EU</b>
Product		
Type		

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# Click pliers kit

# CSCPS2

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## Description

Stand to support and guide the Click pliers.

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The stand is designed to be used together with the SR Cutter, SRCS2.

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## Ordering example

**CSCPS2**

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Product

## Technical data

Length 210 mm

Weight 0,6 kg

# Click pliers

CSCP



## Description

Pliers to produce the notches for the Click joining system.

The pliers is intended to be used together with the SR Cutter, SRCS.

The pliers sits on a stand, CSCPS, which guides it to facilitate the work.

The pliers can also be used to make notches on ducts away from the bench, since the pliers is very easily detachable from the support.

The pliers comes in two sizes adapted to the different insertion lengths of different duct diameters:

Size nom	Duct diameter mm	Duct insertion length mm
40	80-224	40
60	250-315	60

A special gauge tool, CSNC, to check the notch is delivered together with every pliers order.

## Ordering example

Product	CSCP	40
Dimension (size)		

## Technical data

**CSCP 40**  
 Length 290 mm  
 Weight 1,0 kg

**CSCP 60**  
 Length 290 mm  
 Weight 1,1 kg

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# Needle cut pliers

NCP

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## Description

Pliers to cut away the very sharp and dangerous needle which is formed when cutting a spirally lockseamed duct.

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## Ordering example

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Product \_\_\_\_\_ **NCP**

## Advantages

- Cut off the needle without harming the duct wall.
- Sturdy construction for reliable function and longevity.
- Opening spring for easier work.
- Operated by one hand.

## Technical data

Length        200 mm  
Weight        0,35 kg



## SR roller

## SRR



### Description

SRR is a cradle for cutting of ducts with  $\varnothing$  315–1250 mm. The duct is placed on two or three cradles for simple, fast and ergonomically correct rotating at marking of cut length and at cutting.

The cradle substantially reduces the need of free floor space, and makes it easier to arrange a proper working place e.g. with simpler cord handling.

Made with lightening holes for smaller weight and easier carrying.

The rollers are available as spare part and can easily be exchanged.

Weight: 5,0 kg

### Advantages

The duct coming up a little from the floor surface leads to the following advantages:

- faster to cut the ducts,
- easier to insert fittings in the duct,
- easier to slip on flat bar flanges.

The duct being easy to rotate also leads to the following advantages:

- full access all around and better working position to screw/rivet a fitting,
- easier to cut hole for and to screw/rivet e.g. a saddle piece.

Painted ducts run much smaller risk of being scratched.

Easily damaged floors run much smaller risk of being damaged.

### Material

Manufactured of sturdy, painted steel sheet metal to be robust.

### Ordering example

Product SRR

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# SR carrying handle

SRH



## Advantages

- Connects and disconnects in a moment.
- Provides a superior better and more secure grip compared to hold directly on to the duct.
- Can be gripped with one or two hands.
- Can be held on the shoulder to relieve the load on the arms.
- Eliminates the risk of hitting the legs to the edge of the duct and makes it possible to walk with "normal" step length.
- Gives a much better all-around-view and in particular you can see where you put your feet.

## Description

SRH is a carrying handle which makes it substantially easier to manually move circular ventilation ducts at the building site.

The handle fit ducts  $\varnothing$  315–1250, but it is adequate to limit its use to the sizes  $\varnothing$  400–800. You ought not to exceed the recommended maximum carrying weight of 25 kg per person.

One person at each duct end uses a handle each.

Weight: 2,0 kg

## Ordering example

Product SRH

# Trolley

# TRO



## Description

TRO is a trolley which makes it substantially easier and more ergonomic to manually move circular ventilation ducts and other heavy products at the building site.

The trolley is suitable for ducts Ø 400–1250.

Trolley with loaded duct is easily moved by one person.  
Maximum load: circa 100 kg.

Weight: 4,0 kg.

## Advantages

- Very easy to load and unload the duct.
- Soft punctureproof tyres.
- The wheels manages passing of smaller obstacles and semi-rough surface.
- Foldable for easier storage.
- You can also use it to transport large fittings in the building place like for example silencers and bends in big diameters.
- More flexibility at the building site as you can work alone.
- Improved ergonomics and workig conditions as you reduce lifting of heavy products.

## Ordering example

Product TRO

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## Side bars

## TROB

**Description**

TROB are side bars to the trolley TRO which makes it possible to transport many small ventilation ducts at the building site at the same haulage.

The side bars are suitable for ducts  $\varnothing$  80–500.

Trolley with bars and loaded ducts is easily run by one person.

Weight: 6,0 kg

**Advantages**

- Very easy to snap the bars on and off without any need of tools.
- Equipped with a handle that gives a good manoeuvrability and a comfortable driving position.
- The handle can be adopted to fit both right- and left-handed persons.
- Removable for easier storage.

**Ordering example**

Product TROB

# Ring spanner

# SPANN



## Description

SPANN is a ring spanner with ratcheting mechanism for sheet metal screws with 1/4" hexagon head.

The spanner has a hexagon grip.

The other end has an 8 mm fixed ring spanner with a twelve-point grip.

## Advantages

- Suitable in cramped spaces where there is no room for a common electric screwdriver.
- The stem is angled 15° for easier handling.

## Ordering example

Product **SPANN**

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# Heavy duty knife

# KNIFE

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## Description

KNIFE is a sturdy and durably sharpened knife for tough tasks e.g. hole-making in ventilation ducts e.g. at cutting with shears.

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The blade is manufactured of 3 mm Japanese carbon steel and sharpened with double edge angles.

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The handle and sheath are manufactured of extra impact resistant PP plastic.

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## Ordering example

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Product **KNIFE**

## Advantages

- The sheath has a unique function to attach around a button on the clothing or to a belt so it doesn't fall off, at the same time it is easy to remove.
- Due to the thickness of the blade and the double edge angles it makes a perfect hole in the duct when cutting with a nibbler.
- More rigid compared to other knives when used to make hole in steel ducts.

# Markingmeasure

# TALMET



## Description

TALMET is a combination tool for measuring and marking of lengths up to 3 m. Measures both external and internal lengths. Equipped with three steel scribing edges for marking. Locks the setting automatically and has a two-step release mechanism.

$\pi$ -scale for direct reading of the diameter when measuring the circumference.

## Advantages

- No need to see the scale, i.e. measurements can be taken at hard-to-reach or dark places.
- Transfers a measure directly without any need to read the scale, nor to remember nor to set the measure.
- Can be operated with one hand only.
- Can be used as a scratch gauge.
- Can be used as a spacer or gauge block.
- Can be used as a scribe-compass.
- Easily exchangeable scale and extender.
- Small dimensions – goes into any pocket.

## Ordering example

Product **TALMET**

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# Bits set

# BITS

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## Description

A bit collection specially selected to suit mounting of ventilation systems.

16 bits sits in a holster of red, flexible plastic.

The holster has a smart metal clip for rapid attachment to and removal from clothes or belt.

a The supplied bits are:

- Screwdriver Torx, T-20 W
- Screwdriver Torx, T-25 W
- Screwdriver Torx, T-30 W
- Screwdriver Phillips, PH 2
- Screwdriver Phillips, PH 2, 70 mm long
- Screwdriver Phillips, PH 3
- Screwdriver Robertson, R 2
- Screwdriver Robertson, R 3
- Screwdriver slotted, 1×6 mm
- Bit holder with quick lock, ¼" – for ¼" bit
- Magnetic socket, hexagon, ¼" – for sheet metal screw
- Spring socket, hexagon, 8 mm – for bolt
- Spiral drill, 3,3 mm – for blind rivet 3,2 mm
- Spiral drill, 3,3 mm – for blind rivet 3,2 mm
- Spiral drill, 4,1 mm – for blind rivet 4,0 mm
- Spiral drill, 5,0 mm – for separation of Click system

## Technical data

Length	90 mm
Width	60 mm
Thickness	25 mm
Weight	0,18 kg

## Advantages

- A variety of useful bits are always at hand.
- The bit kit fits snugly in a pocket.
- The bit kit can easily be attached to your clothes.

## Ordering example

	<b>BITS</b>	<b>SATS</b>
Product _____		
Material _____		



# Duct cover

DC



## Description

The duct cover protects your ducts from the weather and keeps them clean during transport and short-term storage. Not suitable for permanent storage.

- Equipped with Velcro®-fastenings at one gable.
- Has a binding loop at each bottom corner.

## Advantages

- Protects your ducts in bad weather conditions.
- Keeps ducts clean during transport and storage.

Size nom	Length mm	Height mm	Width mm	m kg
3000	3100	1250	1100	2,1

## Ordering example

Product	DC	3000
Size		

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# Leakage tester

# LTEST



## Description and advantages

Complete equipment for field measuring of leakage in duct systems, e.g. for handing over measuring according to EN 12599.

Also for serial testing of production or in laboratories directly connected via USB.

Measures leakage, leakage factor and achieved tightness class according to EN 13779.

Suitable for measurements according to the standards EN 1507 and EN 12237 plus EN 1751 and EN 15727.

Large working range, for big systems as well as single fittings and residential ventilation systems.

Simple handling and automatic measuring cycle.

Operate with detailed user guide or in expert mode.

Printing of measuring protocol on site with termo printer.

Permanent data storage possible.

Customer and measure data management via supplied PC program.

Handy set, main device in plastic trunk, accessories in aluminium trunk, easy to transport and store.

## Available special accessories and articles of consumption

Set of LTFP filter pads, 5 pcs.

Plastic hose (Ø 50 mm length 10 m) with end cover EPF Ø 100

Set of printer paper, for TD 100, 10 rolls

Seal-off bladder, size 3 for Ø 100–250 mm

Seal-off bladder, size 5 for Ø 200–400 mm

Seal-off bladder, size 10 for Ø 315–630 mm

## Ordering example

Product	LTEST	600
Type		

## Delivery includes

Leakage meter LTEST 600

Adapter type 0,3

Adapter type 3,0

Connection cable, 230 V, 10 A (length 2,5 m)

Termo printer TD 100 incl. 4 batteries 1,5 V AAA

Printer paper, 10 rolls

Plastic hose (Ø 50 mm, length 3,75 m) with end cover EPF Ø 100

Rubber hose (Ø 10 mm, length 10 m) with end cover EPF Ø 100

Hose for adapter 0,3 (length 4 m)

Brass nipples, 2 pcs.

Set of filter pads, 5 pcs.

Seal-off set, for circular, consisting of

Seal-off bladder (size 3), 5 pcs.

Seal-off bladder (size 5), 5 pcs.

Seal-off bladder (size 10), 5 pcs.

Hand air pump

USB-cable

CD with software, functions:

Customer and measure data management

Firmware update

User manual

Calibration protocol

## Technical data

### Pressure measurement

Principle	piezo-resistive semi-conductor sensor
Measuring range	-7000 to +7000 Pa
Resolution	0,1 Pa to ±900 Pa, above 1 Pa
Accuracy	the highest of ±0,5 Pa or ±2,5 % of reading

### Flow measurement (at 1013 hPa and 20 °C)

Principle	hot film anemometer
Measuring range	0,0000 to 55,00 l/s (230 V, 50 Hz) 0,0000 to 40,00 l/s (110 V, 60 Hz)
Resolution	0,0001 l/s up to 0,3000 l/s, 0,001 l/s up to 3,000 l/s, 0,01 l/s above
Accuracy	the highest of ±0,0009 l/s or ±5 % of reading

### Measuring range for the adapters

Adapter 0,3	0,01 to 0,3000 l/s
Adapter 3,0	0,300 to 3,000 l/s
Without adapter	3,01 to 55,00 l/s

### General data

Power supply	230 V, 50 Hz 110 V, 60 Hz
Power consumption	max. 9 A
Working temperature	+5 to +40 °C
Storage temperature	-20 to +50 °C
Main device weight	approx. 9,5 kg
Total weight	approx. 25 kg

# Joining aid tool

D3H



## Technical data

Length	240 mm
Width	85 mm
Height	190 mm
Weight	0,9 kg

## Description

A helping tool to join rectangular ducts and fittings. The tool is clamped on to the already mounted product. The tool carries the unmounted product's one end so you don't have to hold it yourself and also it guides the unmounted product in place so that the joining profiles are located at right position close to each other.

The tool only works at horizontal duct runnings.

NOTE! The tool only works with products equipped with joining profiles type LS.

## Ordering example

Product D3H

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# Marking pen

# PICA

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## Description

Pen for marking on most surfaces/materials – also when dirty, wet or oily.

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From shiny surfaces the marking can simply be wiped of with a damp cloth or alike.

8

A 6,5 mm thin and 40 mm long tip of stainless steel makes it easy to mark in narrow spaces, e.g. deep holes for screws in consoles.

9

A solid 2,8 mm fat lead is fed with a push of the thumb.

A sharpener for the lead is integrated in the sheeth.

10

A solid, protective sheath with a sturdy clip makes for a simple and secure fastening to a pocket.

11

A bright flourescentish green colour of the sheeth with a high visability makes it easy to find the pen should it be mis-laid or dropped.

Refill leads available on request.

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## Colour of lead

Graphite grey

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## Technical data

Length 160 mm

Width 17 mm

Weight 0,02 kg

# Duct lift

# SRDL



## Description

A helping device intended to lift and hold primarily circular ventilation ducts at horizontal mounting.

The product, to be installed, is lifted with the help of a manually operated winch which is automatically braked when the crank is still.

The product supporting forks can slide along the arms in order to adapt to products of different lengths.

The feet/legs have free turning wheels to easy fine adjust the position of the product and facilitate to move the lift around.

The lift requires a smooth floor surface.

The lift can be rolled through a door width of 700 mm.

The lift can easily be separated in three major parts (feet/legs, pillar and arms) for easier transportation and storage.

### Warning for risks:

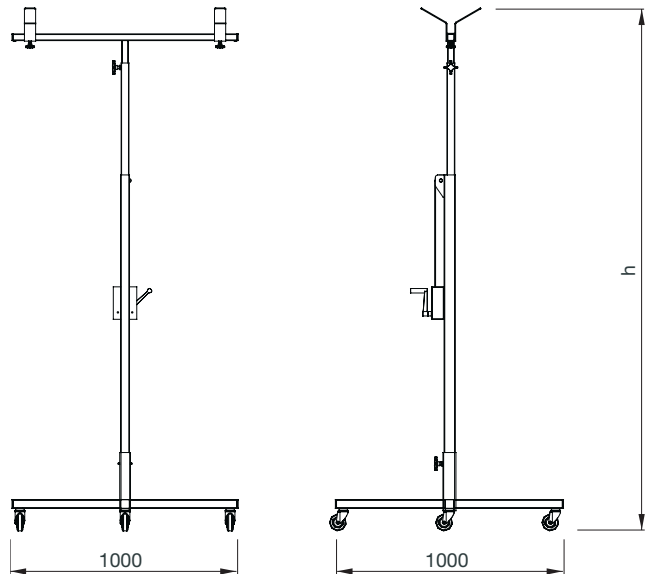
Since working with the duct lift means handling of weights at heights this involve some risks. Great care must be taken. Pay special attention to the following risks:

- Risk to stumble over the lift's feet/legs when placing the product on the forks.
- Risk to hurt the back when placing the product on the forks. Maximum load is 25 kg.
- Risk for the product to fall off from the forks.
- Risk for the lift to collapse or to tip over if overloaded. Maximum load is 25 kg.

## Ordering example

Product	SRDL	25
Capacity		

## Dimensions



## Technical data

**Maximum load on the lift** 25,0 kg

$h_{min}$  1800 mm  
 $h_{max}$  3000 mm

Storage size 1620x850x320 mm  
 Weight 20,1 kg

## Spare parts

DLCRA Crank  
 DLWIN Winch



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# Indoor Air Quality Meter

# CDL 210



## Description

The CDL 210 indoor air quality meter measures the CO<sub>2</sub> level, the air temperature and the humidity and logs the measured data. It is therefore ideal for the monitoring and the evaluation of the interior climate in living spaces and in commercial premises.

## Technical data

CO <sub>2</sub>	Range: 0–6 000 ppm Resolution: 1 ppm Accuracy: ± 50 ppm or ± 5% of reading
Air temperature	Range: -10 till +60 °C Resolution: 0,1 °C Accuracy: ± 0,6 °C
Relative humidity	Range: 5–95 % Resolution: 0,1 % Accuracy: ±3 % (10–90 %), ± 5 % (other values)
Number of measurement series	5 333 in total
Log-interval	0:00:01 – 4:59:59 H:MM:SS

## Ordering example

Product CDL210

## Applications

Determination of indoor air quality by combined measurement of

- CO<sub>2</sub> content
- The air temperature
- Air humidity
- Monitoring in living rooms, meeting rooms, commercial and public areas (for example, schools) and industrial applications. (Moisture problems, etc.)

## Advantages

- Simple operation
- Data transfer via USB cable
- Fast display of all three parameters in chart form using the enclosed software
- Data transfer in csv format, readable with Excel
- Highly visible display

The support of your sales and consulting activities: Indoor air quality - the demand in new norms and guidelines!

## Delivery with

- Power supply
- USB data cable
- PC software

## CO<sub>2</sub>-limit:

In literature you can find the following about CO<sub>2</sub> concentrations as a rule of thumb:

- <1000 ppm (hygienically harmless)
- 1000 – 2000 ppm (hygienically notable)
- > 2000 ppm (hygienically unacceptable)

# Pressure and air flow meter

# PC410



## Description

The meter PC410 is very versatile. Among its many properties is a unique capability to handle the setting of valves and air terminal units with variable k-factors. This very much simplifies the balancing of ventilation systems. The meter is hence very suitable for use together with Lindab's MBB-box.

## Ordering example

Product	PC410	ENSE
Type		

## Features

- Possibility to measure variable k-factors
- Logs data over time
- Magnet which attaches it to ducts
- Transfers data via USB
- Can be operated with one hand
- Display and print in English and Swedish ENSE

## Supplied with

- Batteries and instruction manual
- 1 plastic box
- An adjustable carrying strap 1,5 m
- 1 silicone hose Ø 3,5 mm, t 1,5 mm, length 6 m
- A rubber tube Ø 5,5, t 2 mm, length 1,5 m

## Optional

- Type AF for absolute pressure and internal moisture measurement
- Display and print in English and German ENDE
- Display and print in English and French ENFR

<b>Differential pressure</b> (internal with temperature compensated Piezo-bridge)	Range	-10 000 to +10 000 Pa
	Accuracy	< 3 % of the reading < 0,3 Pa in the range -10 to +10 Pa
	Resolution	1 Pa 0,1 Pa in the range -1100 to +1100 Pa
<b>Temperature</b> (internal with NTC-sensor)	Range	-20 to +60 °C
	Accuracy	< 1 °C
	Resolution	0,1 °C
<b>Temperature (optional)</b> (external with e.g. temperature pliers or surface temperature sensor)	Range	2 channels, -20,0 to +800,0 °C
	Accuracy	1,5 % of the reading, according to EN 50379-2 < 2 °C in the range -20 to +133 °C
	Resolution	0,1 °C
<b>Relative humidity (optional)</b> (internal)	Range	0 to 100 % RH, non condensating
	Accuracy	< 2 % RH < 3 % RH in the range 90 to 100 % RH
	Resolution	0,1 % RH
<b>Absolute pressure (optional)</b> (internal)	Range	30 000 to 110 000 Pa
	Accuracy	< 1,5 %
	Resolution	10 Pa

# Pressure and air flow meter

PC410



## Areas of use

- Pressure Measurements
- Flow Measurements
- Temperature measurement
- Humidity (internal)
- Energy efficiency of heating systems
- Temporary data monitoring / evaluation
- Suitable for handing over tests according to DIN EN 12 599

## Optional features

Humidity and absolute pressure measurement are optional when ordering the PC 410, see page 1. Retrofit is possible but must be made by the manufacturer.

More opportunities are available with the help of additional accessories:

### PC410DAT

PC software for data transfer, data management and any updates, incl. 1 USB-cable

### PCSRs

S tube probe with integrated temperature sensors for flow measurement in duct

### PCKAP

Capillary tubes for measuring pressure difference between rooms or outdoor air (such as 4 Pa-test)

### PCPRA

Prandtl tube, 1000 mm long, Ø 7 mm

### TD100

Thermal Printer

### LTPP

Printer paper for thermal printer TD 100. Set of 10 rolls

### PCAKKU

NiMH battery pack, 2 Ah

### PCLGA400

Battery Chargers

## Ordering example

Product **PC410DAT**



# Pressure and air flow meter

# PC410

## Accessories / Supplies

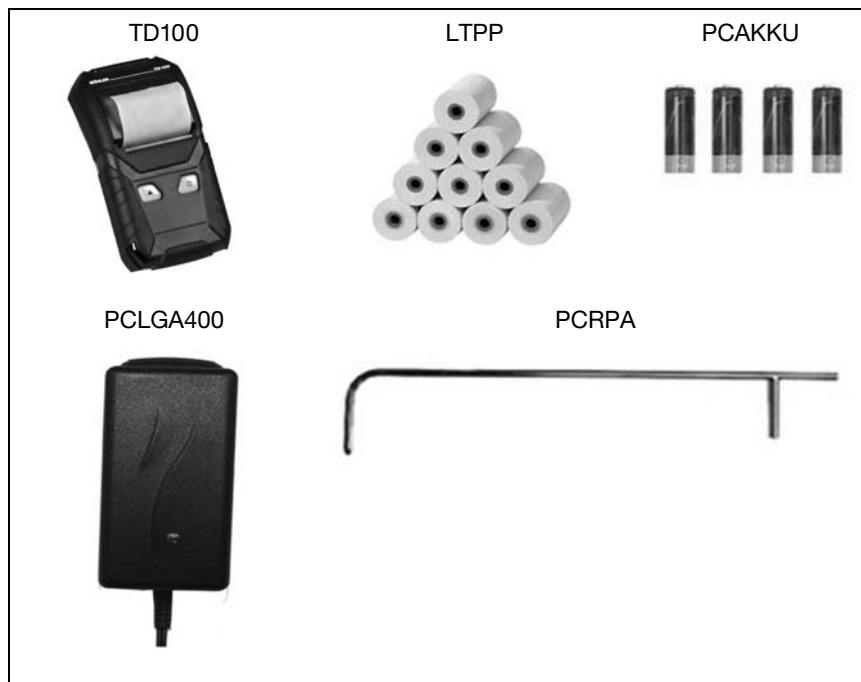
**TD100** thermal printer, with one roll of thermal paper and 4 batteries.  
Can also be used with Lindab Leakage Tester.

**LTPP** printer paper for thermal printer TD100. Set of 10 rolls, 57 mm wide

**PCAKKU** NiMH battery pack with four batteries, two Ah

**PCLGA400** battery charger with adapter plugs EU, U.S., UK, Charging time: 3 hours

**PCPRA** Prandtl pitot tube, 1000 mm long, Ø 7 mm. Pitot factor 1,0.



## Ordering example

Product **TD100**

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# Pressure and air flow meter

PC410

## Accessories for pressure and flow measuring

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### PCSR5

Type S Pitot tube with integrated temperature sensor for flow measurement in air control systems and heating systems.

2

Length 260 mm, maximum insertion length 150 mm.

For measuring holes  $\varnothing$  12 mm.

3

By PCSRS is measurement of 0,1 m/s possible.

Good resolution because of the favorable Pitot tubes factor 0,93.

Temperature range -20 to +400 °C.

4

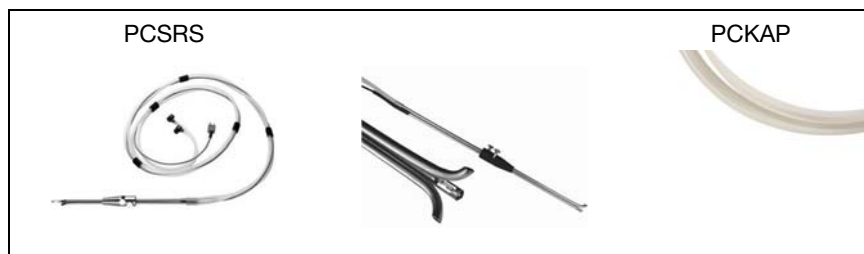
### PCKAP

Capillary tubes for pressure differential between rooms or outdoor air (such as 4 Pa-test).

5

2 x capillary tubes of 3 m, hose fittings and silicone tubing

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## Accessories for temperature measurement and heating

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### PCTF5

Gas and air temperature sensor, max. 900 °C.

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### PCZA500

Measuring pliers for surface temperature measurement. To 100 °C, for tubes  $\varnothing$  6–35 mm.

11

### PCHC

Special wall temperature probe. Encapsulated sensors to measure surface temperature. For the thermal control according to DIN EN 15378. To measure the surface temperature of boilers, roofs and walls, decide value, etc. Measuring range up to 100 °C.

12

### PCTF1

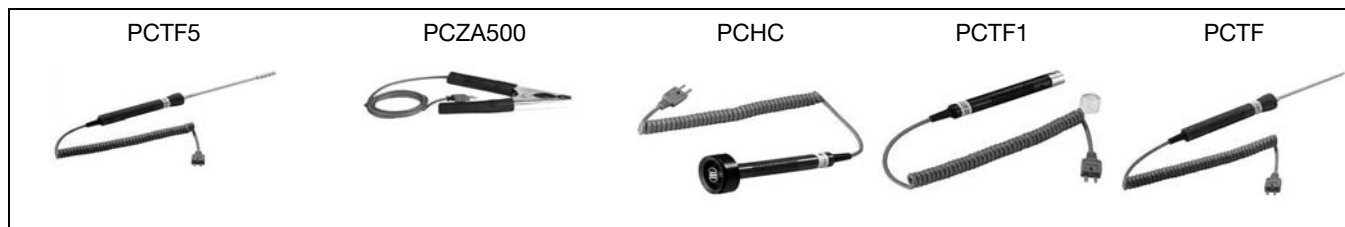
Surface probe. Measuring range to max. 200 °C.

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### PCTF4

Penetration temperature probe. Measuring range to max. 600 °C.

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## Ordering example

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Product PCTF5

# Smoke gun

SPN



## Description

The smoke gun makes it easy to find leaks in your ventilation system. It is also very good for demonstrating air flows, for example when controlling that your kitchen fan works as it should. The smoke from the smoke gun is not hazardous and the smoke gun only dispenses smoke when the trigger is pulled. It is fueled with oil that is very easy to refill.

## Design

Standardset SPN, Smoke Gun + Fluid

Can be ordered with a protective storage box for Smoke gun and batteries; SPNK

## Supplies

Fluid, SPF, 90 ml.

## Advantages

- Makes it easy to find leaks.
- Makes it easy to demonstrate air flows.
- Easy to refill.
- No need for an open flame to generate smoke.

## Ordering example

Product SPN

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