

# Pricelist: standard products

Product	Description	Name	Housing	Prices per device			
				EUR	EUR	EUR	
				Quantity:	1-4	5-19	20-100
<b>Gas nano calorimeters</b>							
Gas nano calorimeter	ultra fast	XEN-39393	TO-5* 6 wire	-	<b>66</b>	<b>50</b>	
Gas nano calorimeter	blank area 30x30 $\mu\text{m}^2$	XEN-39390	TO-5* 8 wire	-	<b>66</b>	<b>50</b>	
Gas nano calorimeter	blank area 60x60 $\mu\text{m}^2$	XEN-39391	TO-5* 8 wire	-	<b>66</b>	<b>50</b>	
Gas nano calorimeter	blank area 60x70 $\mu\text{m}^2$	XEN-39395	TO-5* 6 wire	-	<b>66</b>	<b>50</b>	
Gas nano calorimeter	blank area 100x100 $\mu\text{m}^2$	XEN-39392	TO-5* 8 wire	-	<b>66</b>	<b>50</b>	
Gas nano calorimeter	poly area 100x100 $\mu\text{m}^2$	XEN-39399	TO-5* 8 wire	-	<b>66</b>	<b>50</b>	
Gas nano calorimeter	poly area 250x250 $\mu\text{m}^2$	XEN-39398	TO-5* 8 wire	-	<b>66</b>	<b>50</b>	
Gas nano calorimeter	Alu area 1000x1000 $\mu\text{m}^2$	XEN-39397	TO-5* 6 wire	-	<b>99</b>	<b>75</b>	
Gas nano calorimeter, Opto chip	Opto-calorimeter chip	XEN-39476-50/100 (b)	XEN-40002	-	<b>80</b>	<b>65</b>	
<b>Gas nano calorimeters, Gold</b>							
Gas nano calorimeter, gold	high temp;150 $\mu\text{m}$ diam	XEN-39469	XEN-40002	-	<b>66</b>	<b>50</b>	
Gas nano calorimeter, gold	medium temp;150 $\mu\text{m}$ diam	XEN-39470	XEN-40002	-	<b>66</b>	<b>50</b>	
Gas nano calorimeter, gold	cfm XEN-39394, 8x11 $\mu\text{m}$	XEN-39471	XEN-40002	-	<b>66</b>	<b>50</b>	
Gas nano calorimeter, gold	6x6 $\mu\text{m}$	XEN-39472	XEN-40002	-	<b>66</b>	<b>50</b>	
Gas nano calorimeter, gold	6x6 $\mu\text{m}$ with heat sink	XEN-39473	XEN-40002	-	<b>66</b>	<b>50</b>	
<b>Liquid nano calorimeters</b>							
Liquid nano calorimeter 1.6x1.6 mm <sup>2</sup>	dual membrane 2 $\mu\text{m}$	XEN-39400liq (a)	XEN-40002	-	<b>80</b>	<b>65</b>	
Holder for XEN-39400liq	-	XEN-86000	-	<b>195</b>	-	-	
Tool kit for XEN-39400liq	-	XEN-86010	-	<b>25</b>	-	-	
Liquid nano calorimeter 5x5 mm <sup>2</sup>	membrane 4 or 8 $\mu\text{m}$	XEN-LCM2506	PGA-68h	-	<b>150</b>	<b>100</b>	
Liquid nano calorimeter 5x5 mm <sup>2</sup> , 4x	membrane 4 or 8 $\mu\text{m}$	XEN-LCMquad	PGA-68h	-	<b>250</b>	<b>200</b>	
Liquid nano calorimeter 10x10 mm <sup>2</sup>	membrane 22 or 45 $\mu\text{m}$	XEN-NCM9924	PGA-68h	-	<b>150</b>	<b>100</b>	
<b>TCG (Thermal conductivity sensor)</b>							
Gas type+vacuum measurement	-	XEN-TCG3880	TO-5	-	<b>66</b>	<b>50</b>	
<b>TCG options</b>							
Naked die	No housing	N	-	-	or	or	
Pt100 / Pt1000	Pt resistance thermometer	P2 / P3	TO-5	-	<b>6</b>	<b>6</b>	
Roof	Si cover	R	TO-5	-	<b>10</b>	<b>10</b>	
Ultrafast	Ultrafast version	U	TO-5	-	<b>50</b>	-	
Welded cap with filter	-	W	TO-5	-	<b>2</b>	<b>2</b>	
KF-16 flange	Vacuum flange	KF+W	TO-5+KF-16	-	<b>21</b>	<b>21</b>	
LCC-20nn housing	Non magnetic	LCC	ceramic	-	<b>0</b>	<b>0</b>	
Gold metallisation	Metallization + bondingwire	G	TO-5	-	<b>13</b>	<b>13</b>	
<b>TCG with read-out</b>							
XEN-3700	TCG Ruler 50 cm	XEN-3700	-	<b>1500</b>	-	-	
XEN-TCG3880 with read-out	USB PCB	XEN-5320-U	-	<b>400</b>	<b>350</b>	<b>300</b>	
XEN-TCG3880 with read-out	USB PCB+socket+ultrafast	XEN-5320-US	-	<b>460</b>	<b>410</b>	<b>360</b>	
XEN-TCG3880 with read-out	USB PCB + housing	XEN-5320-UH	ABS-housing	<b>480</b>	<b>410</b>	<b>350</b>	
XEN-TCG3880 with read-out	USB PCB + housing + WIFI + battery	XEN-5320-W	ABS-housing	<b>700</b>	<b>600</b>	<b>500</b>	
XEN-TCG3880 with read-out	USB PCB + housing + display + battery, portable	XEN-5320-D	ABS-housing	<b>700</b>	<b>600</b>	<b>550</b>	
XEN-5350	USB 5 channel read out for Ruler (XEN-3700)	XEN-5350	-	<b>1450</b>	-	-	
Flowadapter for XEN-TCG3880	ABS	XEN-85030	-	<b>50</b>	<b>40</b>	<b>30</b>	

This pricelist replaces all previous lists

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Smart Sensor Devices

ABN-AMRO 60 50 40 311  
IBAN NL42ABNA0605040311  
VAT NL 009122746 B01

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Product	Description	Name	Housing	Prices per device		
				EUR	EUR	EUR
				<b>Quantity:</b>		
				1-4	5-19	20-100
<b>TO-5 accessories</b>						
TO-5 socket	-	XEN-80010	-	-	5	4
TO-5 socket on PCB	-	XEN-80011	-	-	10	8
TO-5 storage box	40 positions	XEN-80020	-	-	or	or
TO-5 transport tray	20 positions	XEN-80030	-	-	9	or
<b>Flow sensors</b>						
Thick-film gas flow sensor	-	XEN-GFL9722	-	-	15	12
<b>Extra housing costs</b>						
LCC-20nn housing	ceramic housing	LCC-20nn	LCC-20nn	-	0	0
XEN-40002 instead of on TO-5	ceramic housing	XEN-40002	XEN-40002	-	0	0
XEN-40016 instead of on TO-5	ceramic housing, thin	XEN-40016	XEN-40016	-	0	0
XEN-40014 with flex cable instead of on TO-5	ceramic housing	XEN-40014	XEN-40014	-	9	8

## Housing

KF-16	KF-16 stainless steel vacuum flange with TO-5 insert.
LCC-20nn	Leadless Chip Carrier (20 pins, 9.5x9.5 mm <sup>2</sup> ), no nickel. on request.
LCC-28	Leadless Chip Carrier (28 pins, 11.5x11.5 mm <sup>2</sup> ), on request.
PGA-68h	Ceramic Pin Grid Array (68 pins, 29x29 mm <sup>2</sup> , chip at back side).
TO-5	Metal TO-5 housing (10 pins round, 9 mm diameter).
8 wire	Standard: 8 wires; option: 6 or 10 wires.
XEN-40002	Special Xensor ceramic housing (24x24 mm <sup>2</sup> ).
XEN-40014	Special Xensor ceramic housing (12x24 mm <sup>2</sup> ) with 12-wire flex cable 33 mm long.
XEN-40016	Special Xensor ceramic housing (24x24 mm <sup>2</sup> ) thin version of XEN-40002.
LL	Leadless.

## Price conditions + delivery terms

- Prices are per device.
- Prices are in EUR, excluding VAT, P&P and similar cost.
- Prices for larger quantities on request.
- Prices and specs are subject to change without notice.
- or = on request.
- EUR 30 small order costs for orders below EUR 300.
- **No checks accepted**, only transfers on our bank account.
- As far as not otherwise stated the FHI General Conditions of Delivery 2014 are applicable, issued by FHI , Federation of Technology Branches, filed at the Chamber of Commerce of Gooi-, Eem- and Flevoland under the number 40507574 (see our website under 'Sales info').
- Payment within 14 days after invoice date.

## Notes

- XEN-39400liq: Price per sensor, sold per box of 10 sensors. Housing XEN-40002 + cover. See also holder XEN-86000 for mounting ceramic and tool kit XEN-86010 for handling reference material and cleaning. This sensor is compatible with the Flash DSC 1 (not officially supported by Mettler-Toledo), using an adapted clamp.
- XEN-39476-50 or XEN-39476-100: Price per sensor, sold per box of 10 sensors. Housing XEN-40002. Two versions possible: with 50 µm or 100 µm transparent center. This sensor is compatible with the Flash DSC 1 (not officially supported by Mettler-Toledo).

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