

Selected Reference Customer for the PEN-system



List of Reference

Country	Name / Institut	Description	Application
Germany			
	BASF		application development
	WIS: Wehrwissenschaftliches Institut für Schutztechnologien	German Military Base, Laboratory 2 x i-PEN3	They are checking lubricants for constant quality
	UFT, Zentrum für Umweltforschung und Umwelttechnologie der Universität Bremen	PEN3	Detection of contamination of yeast in products of fresh milk
	Ruhrgas AG	German natural gas supplier	research: Investigation of gas leakages quality control (MicroTD): quantitative supervision of odorants in natural gas
	Friesisches Brauhaus zu Jever GmbH & Co KG	KegControl	operation if an industrial PEN-system- KegControl as a fast supervision system for chemical detection of contaminants in incoming Keg barrels
	Brau und Brunnen Brauereien GmbH Betriebsstätte Köln	KegControl	operation if an industrial PEN-system- KegControl as a fast supervision system for chemical detection of contaminants in incoming Keg barrels
	Forschungszentrum Jülich University of Applied Sciences Division Jülich	PEN2	research
	ISAS Inst. für Spektrochemie und angewandte Spektroskopie	PEN2	research
	Schwartauer Werke GmbH & Co.	producer of jam and sweets PEN2	investigation on rancidity in walnuts. Quick supervision on incoming raw material. App was used for several years
	OLFATEC GmbH	PEN2	
	Gelsenwasser	Dept. chemistry PEN2	Process monitoring of drinking water
	MFI Kiel	PEN2	research
	Akzo Nobel	PEN3	
	RST Rostock Raumfahrt und Umweltschutz GmbH	i-PEN3	research

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	Leibniz-Institut. f. Agrartechnik Potsdam-Bornim e.V.	i-PEN3	research
	Nordmilch e.g.:	biggest member of German dairy industry PEN2	At line determination for foreign yeast in yogurt fermentation.
Japan			
	Seika Corporation	PEN2	
Italy			
	Università degli studi di Milano - Food sciences	PEN2	Food Research _ Food Quality
	Università degli studi di Napoli - Food sciences	PEN2	Olive oil test and quality control
	C.R.A. Istituto di Zootecnia di Napoli Italy.	PEN2	Cheese-meat-salame measurement for quality test
	C.R.A. Istituto di Zootecnia di Muro Lucano	PEN3	Cheese
	Università degli studi di Milano - Veterinary Research Center	2 x PEN2	Odour emission from pig farm and similar Determination of mould in grain
	Lavazza Torino Italy	Coffee producer PEN2	Quality control of Roast process Coffee
	Istituto San Michele Adige	PEN3	Control of odour emission from biofilter in composting plants
	ENEA Roma	PEN2	as detector for CH4 in intelligent house
	Niagara S.p.A.	PEN2	As on line detector for water quality (after treatment in plant)
	ZEUS S.p.A. Firenze	PEN3	baker's yeast quality control
	Progesam S.p.A. Milano	PEN3	As detector for odour emission (composting plant)
	Università degli studi di Bologna - Food sciences	PEN2	Food , fruit
	IRIDE GAS (ex Acqua Potabile Asti) Italy	Water producer PEN2	Quality control on water production - Tap water quality
	Sarpom (Exxon)	Petrochemical Industry, Italy, Subsidiary of Exxon PEN2	Odour emission in petrochemical product (special fuel product for catalytic oven)
	C.S.I. Centro Studi Imballaggio	PEN2	Packaging odour
	Università degli studi di Fisciano - Food sciences	PEN2	Food process control
	ALAN Composting plant	i-PEN	Odour leakage in composting plant
	Laboratori ARCHA	PEN2	Private chemical laboratory

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	Procter & Gamble	PEN2	secret application
	Whirlpool Italia	PEN2	
	C.N.R. Istituto Inquinamento Atmosferico	PEN3	Quality of ambient air
	ARKEMA (ex ATOFINA Srl)	PEN2	As odour leakage detector
	Università degli studi di Pavia - Food sciences	PEN2	General Food application
USA			
	Argonne National Laboratory	Chemical Analysis/ office of naval research PEN2	research
	U.S. Food and Drug Administration	Gulf Coast Seafood Laboratory PEN3	Testing of food and drugs
	NASA, Kennedy Space Center	3 x i-PEN3	measurement of rocket fuel at ppb level with the I-PEN
Austria			
	ERB	PEN2	Supervision of a sewage plant
	BrauUnion Zipf	member of Heineken KegControl	operation if an industrial PEN-system- KegControl as a fast supervision system for chemical detection of contaminants in incoming Keg barrels
	BrauUnion Wieselburg	member of Heineken KegControl	operation if an industrial PEN-system- KegControl as a fast supervision system for chemical detection of contaminants in incoming Keg barrels
South Africa			
	South African Breweries (no.2 in the world)	KegControl	Qual. Control on beer (smell), hop and malt
Brazil			
	Iguacu Brazil	supplier of soluble coffee PEN2	Quality control on coffee
China			
	ZheJiang University	Agriculture and Food Engineering Academy, Hangzhou, China PEN2	Tea, Fruit, Milk and etc.
	Mengniu milk factory	Beijing, China In probation ship PEN3	Milk
	Guangdong University of Technology	Food Engineering Academy Guangzhou, China PEN3	Fruit, Milk and other food.
	Chinese tropics agriculture Academy of Sciences	Haikou, China PEN3	Fruit
	China Agriculture University	Food Engineering Academy Beijing, PEN3	Meat and etc.

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Country	Name / Institut	Description	Application
	NanJing Agriculture University	Food Engineering Academy Nanjing, China PEN3	Fruit, Meat and other food.
United Kingdom			
	Open University	PEN3	Research, different application
Egypt			
	University of Alexandria Medical Research Institute	PEN3	Medical research
Belgium			
	OligoSense NV	PEN2	
	University of Antwerp	Dept. of Chemistry PEN2	Fast identification of Micro-organism
Spain			
	Ingenieria Analytica	2 x PEN3	
Colombia			
	University of Bogotà	PEN3	Food application