

Introduction of the Companies and Product Line

February 2016



Established: 1991

Location: Brno, Czech Republic

Czech company focused on development, production and sales of Scanning Electron Microscopes.

Company was founded in 1991



- Brno is the second largest city in the Czech Republic
- Traditional center of industry and commerce and Central European trade fairs
- 6 Universities with 27 faculties and about 80,000 students
- Origin of world-famous researchers
- 9 Institutes of Academy of Science
- Location of other SEM manufacturers



Key dates:

- **1991** TESCAN, s.r.o. established
- **1999** VEGA SEM introduced
- **2005** MIRA Schottky FE-SEM introduced
- **2007** LYRA FIB-SEM introduced
- **2009** Chinese branch established
- **2010** Third generation of TESCAN SEMs introduced
Acquisition of TESCAN USA
CEO Jarsolav Klíma named the Entrepreneur of the Year 2009 in South Moravian Region
- **2011** FERA3 and TIMA introduced
1000 SEM installed & ISO certification
- **2012** CEO Jaroslav Klíma named the Entrepreneur of the Year 2011 in the South Moravian Region
- **2013** TESCAN-UK Ltd. established
Merger of TESCAN and ORSAY PHYSICS => TESCAN ORSAY HOLDING, a.s.
New subsidiary TESCAN Brno, s.r.o. established
MAIA3 introduced
- **2014** GAIA3 and RISE introduced
- **2015** XEIA3 and Q-PHASE introduced
New subsidiary TESCAN Benelux established
Acquisition of App Five
New subsidiary TESCAN Do Brasil established

1991



Foundation of the company

1999



Thermo Emission SEM

2005



Field Emission SEM



2008

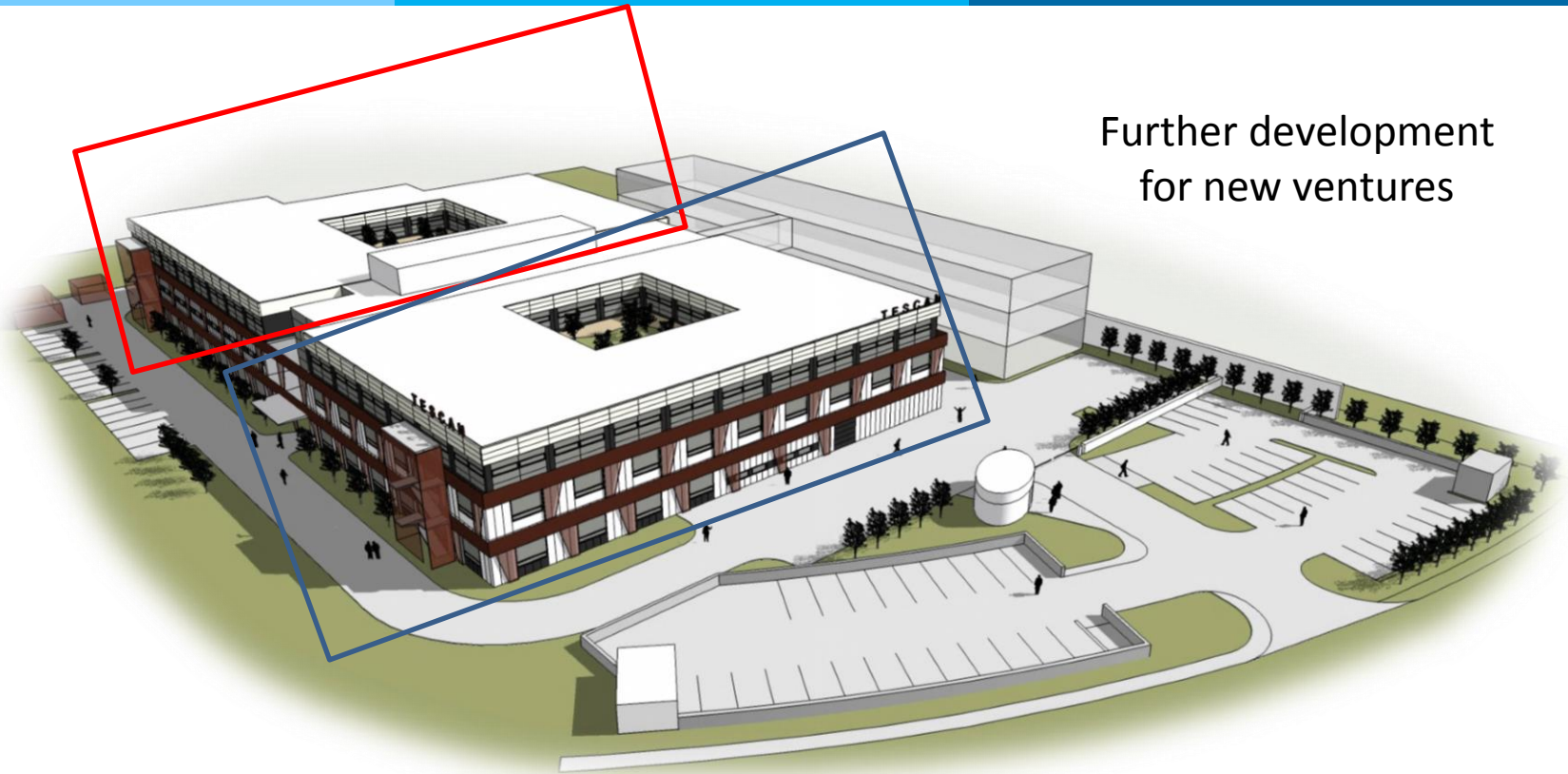


FIB/SEM

2013



Merger of
TESCAN and ORSAY PHYSICS



Further development
for new ventures



New production
facility



Large clean and super clean rooms



Modern meeting and lecture rooms



Spacious assembly workroom






















Exterier

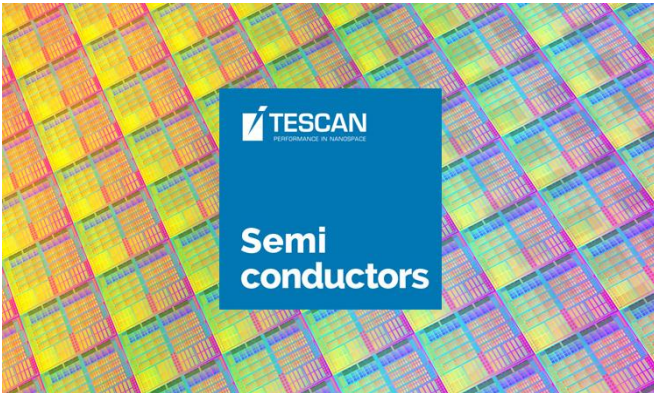


Modern storage room



Tungsten SEM	Field emission SEM	Galium FIB-SEM	Plasma FIB-SEM	Holographic microscope
 	 	 	 	
 <p>VEGA3</p>	 <p>MIRA3</p>	 <p>LYRA3</p>	 <p>FERA3</p>	 <p>Q-PHASE</p>
 <p>LaB₆ option</p>	 <p>MAIA3</p>	 <p>GAIA3</p>	 <p>XEIA3</p>	
	 <p>TIMA</p>			

Main Applications Segments



References – more than 2000 installations

Universities and education



MAX-PLANCK-GESELLSCHAFT



PRINCETON
UNIVERSITY

University of Idaho



VANDERBILT  **UNIVERSITY**



MICHIGAN STATE
UNIVERSITY



HARVARD
UNIVERSITY



Imperial College
London



UNIVERSITY OF
ARKANSAS



EMPA

CARNEGIE
MUSEUM OF
NATURAL
HISTORY

References – more than 2000 installations

Government



References – more than 2000 installations

Industry



SANOFI



SIEMENS



Honeywell

TYPE CERTIFICATE

Registration Number: 02.500.650

Issued for the producer:
TESCAN, s.r.o.
Lidubova 91
623 00 Brno
IČ: 623 00 000
M. number: 41600240

For the product:
Scanning Electron Microscope
Model: S
Type: SEM, SEM, SEM, SEM, SEM, SEM
Modification: SEM, SEM, SEM, SEM, SEM, SEM
Place of production: TESCAN, s.r.o., Lidubova 91, CZ, 623 00 Brno

At which the certificate according to the certification system of government No. 170/2005 Coll. §1, par. 1, is in conformity with the certification system of the TÜV SÜD Group, for which details see page 4 of the Certificate Report No. 3000091087/2016 from 27. December 2016.

The product type mentioned above fully fulfills the applicable requirements of following:
ČSN EN 61874-1:2014 (EN 61874-1:2014) ČSN EN 61874-1:2014
ČSN EN 17025:2005, ČSN EN 17025:2005, ČSN EN 17025:2005
ČSN EN ISO 15004:2004, EN ISO 17103:2005

This certificate is valid till January 09, 2018

Details and validity conditions are stated in the annex which forms an integral part of this Certificate and contains 1 page.

Prague, January 09, 2017



CERTIFICATE

The Certification Body for the Environmental Management System
No. 2003
TÜV SÜD Group s.r.o.
certified that

TESCAN, s.r.o.
Lidubova 91
CZ - 623 00 Brno
M. No. 41600240

has established and applies
an Environmental Management System for
design, development, manufacture, sales, installation
and service of scanning electron microscope
and related complementary accessories

An audit was performed. Report No. 0188610160EM/2016
Proof has been furnished that the requirements
mentioned in

ČSN EN ISO 14001:2005
are fulfilled. The certificate is valid until 16.11.2013
Certificate Registration No. 02.201.154



CERTIFICATE

The Certification Body for the Quality Management System No. 2003
TÜV SÜD Group s.r.o.
certified that

TESCAN, s.r.o.
Lidubova 91
CZ - 623 00 Brno
M. No. 41600240

has established and applies
a Quality Management System for
design, development, manufacture, sales, installation
and service of scanning electron microscope
and related complementary accessories

An audit was performed. Report No. 0200910160QM/2016
Proof has been furnished that the requirements
mentioned in

ČSN EN ISO 9001:2009
are fulfilled. The certificate is valid until 16.11.2013
Certificate Registration No. 02.201.123



TYPE CERTIFICATE

Registration Number: 02.500.644

Issued for the producer:
TESCAN, s.r.o.
Lidubova 91
623 00 Brno
IČ: 623 00 000
M. number: 41600240

For the product:
Scanning Electron Microscope
Type: SEM, SEM, SEM, SEM, SEM, SEM
Modification: SEM, SEM, SEM, SEM, SEM, SEM
Place of production: TESCAN, s.r.o., Lidubova 91, CZ, 623 00 Brno

At which the certificate according to the certification system of government No. 170/2005 Coll. §1, par. 1, is in conformity with the certification system of the TÜV SÜD Group, for which details see page 4 of the Certificate Report No. 3000091010/2016 from 27. December 2016.

The product type mentioned above fully fulfills the applicable requirements of following:
ČSN EN 61874-1:2014 (EN 61874-1:2014) ČSN EN 61874-1:2014
ČSN EN 17025:2005, ČSN EN 17025:2005, ČSN EN 17025:2005
ČSN EN ISO 15004:2004, EN ISO 17103:2005

This certificate is valid till January 09, 2018

Details and validity conditions are stated in the annex which forms an integral part of this Certificate and contains 1 page.

Prague, January 09, 2017



TYPE CERTIFICATE

Registration Number: 02.500.854

Issued for the producer:
TESCAN, s.r.o.
Lidubova 91
623 00 Brno
IČ: 623 00 000
M. number: 41600240

For the product:
Scanning Electron Microscope
Type: SEM, SEM, SEM, SEM, SEM, SEM
Modification: SEM, SEM, SEM, SEM, SEM, SEM
Place of production: TESCAN, s.r.o., Lidubova 91, CZ, 623 00 Brno

At which the certificate according to the certification system of government No. 170/2005 Coll. §1, par. 1, is in conformity with the certification system of the TÜV SÜD Group, for which details see page 4 of the Certificate Report No. 3000091010/2016 from 27. December 2016.

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ČSN EN 17025:2005, ČSN EN 17025:2005, ČSN EN 17025:2005
ČSN EN ISO 15004:2004, EN ISO 17103:2005

This certificate is valid till January 09, 2018

Details and validity conditions are stated in the annex which forms an integral part of this Certificate and contains 1 page.

Prague, January 09, 2017



TYPE CERTIFICATE

Registration Number: 02.696.655

Issued for the producer:
TESCAN, s.r.o.
Lidubova 91
623 00 Brno
IČ: 623 00 000
M. number: 41600240

For the product:
Scanning Electron Microscope
Model: S
Type: SEM, SEM, SEM, SEM, SEM, SEM
Modification: SEM, SEM, SEM, SEM, SEM, SEM
Place of production: TESCAN, s.r.o., Lidubova 91, CZ, 623 00 Brno

At which the certificate according to the certification system of government No. 170/2005 Coll. §1, par. 1, is in conformity with the certification system of the TÜV SÜD Group, for which details see page 4 of the Certificate Report No. 3000091010/2016 from 27. December 2016.

The product type mentioned above fully fulfills the applicable requirements of following:
ČSN EN 61874-1:2014 (EN 61874-1:2014) ČSN EN 61874-1:2014
ČSN EN 17025:2005, ČSN EN 17025:2005, ČSN EN 17025:2005
ČSN EN ISO 15004:2004, EN ISO 17103:2005

This certificate is valid till January 09, 2018

Details and validity conditions are stated in the annex which forms an integral part of this Certificate and contains 1 page.

Prague, January 09, 2017



TYPE CERTIFICATE

Registration Number: 02.696.674

Issued for the producer:
TESCAN, s.r.o.
Lidubova 91
623 00 Brno
IČ: 623 00 000
M. number: 41600240

For the product:
Scanning Electron Microscope
Model: S
Type: SEM, SEM, SEM, SEM, SEM, SEM
Modification: SEM, SEM, SEM, SEM, SEM, SEM
Place of production: TESCAN, s.r.o., Lidubova 91, CZ, 623 00 Brno

At which the certificate according to the certification system of government No. 170/2005 Coll. §1, par. 1, is in conformity with the certification system of the TÜV SÜD Group, for which details see page 4 of the Certificate Report No. 3000091010/2016 from 27. December 2016.

The product type mentioned above fully fulfills the applicable requirements of following:
ČSN EN 61874-1:2014 (EN 61874-1:2014) ČSN EN 61874-1:2014
ČSN EN 17025:2005, ČSN EN 17025:2005, ČSN EN 17025:2005
ČSN EN ISO 15004:2004, EN ISO 17103:2005

This certificate is valid till February 24, 2016

Details and validity conditions are stated in the annex which forms an integral part of this Certificate and contains 1 page.

Prague, February 24, 2011



TUV SÜD Czech
propůjčuje
CERTIFIKÁT
VÝJEMČNOSTI
příjemci

TESCAN, s.r.o.
Lidubova 91
CZ - 623 00 Brno
IČ: 41600240

v souhlasí, že byl zvolen a je prokazatelně způsobilý a souhlasí s poskytováním
EN ISO 9001
EN ISO 14001

certifikace výroby dle EN 4001

pro účel:
význam a výroby, prodeje, instalace
a servisu nástrojních elektronických
mikroskopů a jejich příslušenství

Prague, 16. 02. 2011



TESCAN presence in the Brazilian Market:

From nov. 2011 until oct. 2015:



As exclusive distributor



From nov. 2015 on,



As exclusive after-sales support and keeping Shimadzu do Brasil as a non-exclusive distributor until 31.03.2016 (transition period)



Reception



Training room



Application lab.



Sample preparation room



Customer's meeting room



Administration room



Workshop



Meeting room

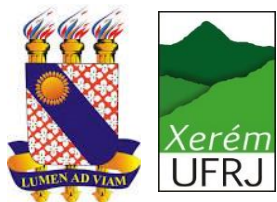


Warehouse



TDB's references

Academia



TDB's references

Government



Industries

mitsuba



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MOTION & CONTROL™
NSK



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