IET Inspec

The definitive database for

Physics
Electrical Engineering & Electronics
Computers & Control
Information Technology
Mechanical & Production Engineering

Powering quality research

www.**theiet**.org/inspec

Why Inspec?

Quality, Focus and Intelligence

The IET Inspec database is one of the **world's most definitive** bibliographic scientific databases, containing 14 million abstracts and specialised indexing to the world's quality research literature in the fields of **engineering, physics and computing**.

Broad scope and coverage

- Containing over **14 million records**, Inspec was established over 40 years ago with the reputation as one of the best and most comprehensive databases for science, engineering, physics and technology research

- Over **800,000 new records** added each year

- Extended and comprehensive coverage: nearly **5,000 journal titles**, (online, print and open access), **1969 - present day**

- More than **1,000 different publishers** abstracted, including society publishers such as IEEE and SPIE and commercial publishers such as Elsevier and Springer and government agencies

- Access global, peer-reviewed material in publications from more than **68 countries** from both English and non-English sources

- Numerous **books, reports and videos**

- **Indexed video content** from IET.tv and Journal of Visual Experimentation (JoVE)

- Full text linking via Digital Object Identifiers (DOI's) (80% of current material)

- The implementation of **International Patent Classification** (IPC) codes is a valuable tool for the prior-art searcher, allowing the clustering of relevant non-patent literature using an internationally recognised patent coding structure

- Optional **Archive** with fully searchable access to over 70 years of research in science, engineering and technology, dating from 1898 - 1968. Who knows, an undeveloped idea from years ago may be of relevance to your research today

Timeliness

- **Updated weekly**

- Inspec allows access to the very latest research in the form of more than **2,500 conference proceedings** per year

- Inspec provides a broad view of new developments and research currently being undertaken - providing **cost effective current awareness**

Quality

- Unlike free web sources, Inspec's expert indexing makes retrieval **even more precise** and you will not be faced with a landslide of irrelevant information. Just because something is free it doesn't mean it doesn't have a cost!

- Make your **critical decisions based on trustworthy research**

- Inspec will give you **consistency of results**, search after search

- Allows users to drill down to the precise information required. Our highly qualified scientists and engineers add a whole range of specialised indexing to each abstract. These include, **Thesaurus terms, free indexing, classification, treatment codes, numerical data indexing, chemical substance indexing, astronomical object indexing and new expanded IPC codes which are now compatible with WIPO's Advanced level.**

- Inspec now includes **Ringgold Institutional IDs. ORCID IDs are coming soon**

- Produced by a major international engineering professional body, Inspec has received the I**SO 9001:2008 accreditation** for the quality of its production process for several years running

- **Inspec's Thesaurus and Classification** are recognised as the standard of excellence in search aids throughout the industry

Excellent return on investment

- **Save time, effort and money**, getting straight to the research relevant to you – don't "reinvent the wheel" or duplicate research

- Centralised access to information but with simple tools for inter-colleague sharing. Break down those silos and **improve the efficiency of your research budget**

- Use for **patent related searches**, defending your current patents, finding prior art and identifying competitors. Proactively uncover risks and threats to your organisation thus increasing your competitive edge

Customer support tailored to individual customer needs

- **We are customer focussed and provide personalised solutions** for training, product awareness and support

Contact us at **inspec@theiet.org**

www.**theiet**.org/inspec

Contents

" Inspec is the indispensible, recommended database for engineering subjects... Inspec use is not limited to just the engineering staff and students, but members of the College in science and medicine also use the database as part of their research and learning. "

Ellen Haigh, Librarian, **Imperial College London Library, UK**

Academics

Corporates

Government

Patent Researchers

Subject coverage

The vast Inspec database covers five main subject areas
to provide comprehensive coverage of the areas you need.

Section A Physics
A00 General
A10 The physics of elementary particles and fields
A20 Nuclear physics
A30 Atomic and molecular physics
A40 Fundamental areas of phenomenology
A50 Fluids, plasmas and electric discharges
A60 Condensed matter: structure, thermal and mechanical properties
A70 Condensed matter: electronic structure, electrical, magnetic, and optical properties
A80 Cross-disciplinary physics and related areas of science and technology
A90 Geophysics, astronomy and astrophysics

Section B Electrical Engineering and Electronics
B00 General topics, engineering mathematics and materials science
B10 Circuit theory and circuits
B20 Components, electron devices and materials
B30 Magnetic and superconducting materials and devices
B40 Optical materials and applications, electro-optics and optoelectronics
B50 Electromagnetic fields
B60 Communications
B70 Instrumentation and special applications
B80 Power systems and applications

Section C Computers and Control
C00 General and management topics
C10 Systems and control theory
C30 Control technology
C40 Numerical analysis and theoretical computer topics
C50 Computer hardware
C60 Computer software
C70 Computer applications

Section D Information Technology for Business
D10 General and management aspects
D20 Applications
D30 General systems and equipment
D40 Office automation - communications
D50 Office automation - computing

Section E Mechanical and Production Engineering
E00 General topics in manufacturing and production engineering
E10 Manufacturing and production
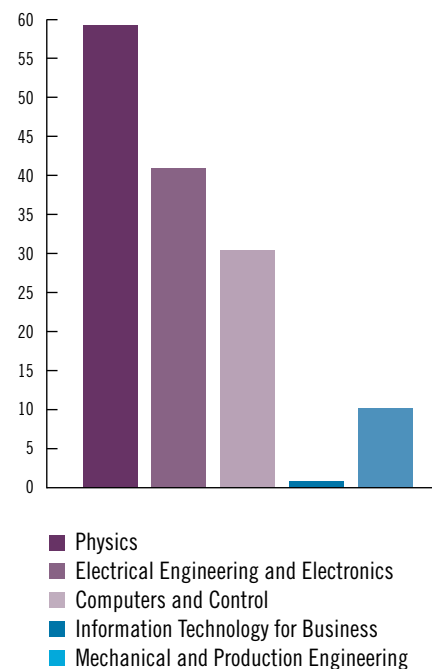E20 Engineering mechanics
E30 Industrial sectors

- Physics
- Electrical Engineering and Electronics
- Computers and Control
- Information Technology for Business
- Mechanical and Production Engineering

Chart shows percentage of subject coverage in the database.

Outline of Inspec Coverage

Section A Physics
Elementary particle and nuclear physics • atomic and molecular physics • electro dynamics • quantum physics • nuclear structure • nuclear energy • optics • acoustics • fluid dynamics • plasma physics • condensed matter physics • materials science • biophysics • geophysics • astronomy • astrophysics • semiconductors • superconductors • magnetism • lasers • fibre optics • instrumentation • nuclear engineering • energy research and environmental science • gravitation and relativity • statistical physics • measurement science • electromagnetism • structural, thermal and mechanical properties of condensed matter

Section B Electrical Engineering and Electronics
Electronic components and technology • telecommunications • power engineering and instrumentation • aerospace electronics • antennas and propagation • biomedical engineering • electric machines • electron tubes • electronic circuits • energy conversion • image processing • insulation • lasers • magnetic devices • measurement • microelectronics • microwave technology • military electronics • nuclear instrumentation • optical and optoelectronic devices • power generation and supply • printed circuits • radar • radiocommunications • radio and television • semiconductor technology • signal processing • speech processing • superconducting devices • engineering materials

Section C Computers and Control
Artificial intelligence • computer theory • hardware • software • applications of computing • optical computing • neurocomputing • computers themselves and their elements • circuitry • storage • peripheral equipment • networking • application programs • legal aspects of computing • software engineering • systems techniques • systems analysis • software metrics • computing applications • expert systems • decision support systems • financial computing • data, signal and word processing • desktop publishing • computer-aided analysis and design • computer communications • computerised control and instrumentation • communications • industrial production • instrumentation • control technology applications • materials handling • manufacturing processes • transportation

Section D Information Technology for Business
Business • banking and insurance • leisure and the media • marketing and retailing • electronic mail • facsimile • teleconferencing • viewdata • computer terminals • communications • word processing

Section E Mechanical and Production Engineering
Management issues • manufacturing environment • information technology • applications • production management • design and ergonomics • manufacturing processes • manufacturing technology • materials and products • industrial sectors • engineering mechanics

" Inspec gives comprehensive cover of the subject areas and has material not found on other databases. Students having difficulty in finding relevant material to support their dissertations and projects find such material on Inspec. The Inspec database is vast and covers the publications of numerous publishers and institutions, which 'full text' databases however good are unable to do so. A useful feature that Inspec provides is that it is easy to link from Inspec to the full text of subscribed titles from within the institution. "

Shelley Ahmed, Subject Librarian, Faculty of Computing, **London Metropolitan University, UK**

Database Records

Each Inspec record contains a wealth of specialised indexing to enable searchers to swiftly pin-point the content that they need for their research.

Record fields

Each record in Inspec contains an English-language title and a descriptive abstract together with full bibliographic details. These include the author's name and affiliation and the publication title.

To supplement natural-language searching, Inspec provides an extensive range of search elements:

- Classification codes from the Inspec Classification
- Controlled index terms from the Inspec Thesaurus
- Numerical data indexing
- Chemical substance indexing
- Astronomical object indexing
- Free language 'keywords' pinpointing significant concepts
- Treatment codes which indicate the author's approach to the subject
- Language of the original document
- International Patent Classification Codes (new & expanded)
- Document type
- Author name
- Author Affiliation

> " *I have used Inspec for many years and have found the database to be beneficial. I get straight to the area of research, cutting out irrelevant information and saving time that can be spent on other project areas. I've not found any other database that produces the same high quality peer reviewed literature as Inspec.* "
>
> Professor Wan Yuehua, Head of Reference Library Department, **Zhejiang University of Technology, China**

Sample Record

14 Millionth record

INSPEC ACCESSION NO.:	**14,000,000**
UPDATE:	2014-03
DOCUMENT TYPE:	Journal Paper
MIN:	ER81-B3011-A007

TITLE: Transmission of acoustic emission in bones, implants and dental materials

AUTHOR(S): Ossi, Zannar 1; Abdou, Wael 2; Reuben, Robert L. 2; Ibbetson, Richard J. 1

AFFILIATION(S):
1. Edinburgh Postgrad. Dental Inst., University of Edinburgh, Edinburgh, UK [AffiliationID 3124]
2. Sch. of Eng. & Phys. Sci., Heriot-Watt University, Edinburgh, UK [AffiliationID 3120]

ABSTRACT: There is considerable interest in using acoustic emission (AE) and ultrasound to assess the quality of implant-bone interfaces and to monitor for micro-damage leading to loosening. However, remarkably little work has been done on the transmission of ultrasonic waves though the physical and biological structures involved. The aim of this in vitro study is to assess any differences in transmission between various dental materials and bovine rib bones with various degrees of hydration. Two types of tests have been carried out using pencil lead breaks as a standard AE source. The first set of tests was configured to assess the surface propagation of AE on various synthetic materials compared with fresh bovine rib bone. The second is a set of transmission tests on fresh, dried and hydrated bones each fitted with dental implants with various degrees of fixity, which includes components due to bone and interface transmission. The results indicate that transmission through glass ionomer cement is closest to the bone. This would suggest that complete osseointegration could potentially be simulated using such cement. The transmission of AE energy through bone was found to be dependent on its degree of hydration. It was also found that perfusing samples of fresh bone with water led to an increase in transmitted energy, but this appeared to affect transmission across the interface more than transmission through the bone. These findings have implications not only for implant interface inspection but also for passive AE monitoring of implants. (15 refs.)

TREATMENT: Practical; Experimental

CONTROLLED INDEXING: dentistry; acoustic emission testing; biomedical materials; bone; ultrasonic materials testing; ultrasonic transmission; biomedical measurement; prosthetics

UNCONTROLLED INDEXING: bone acoustic emission transmission; dental implant acoustic emission transmission; biological structure ultrasound wave transmission; implant-bone interface quality testing; micro-damage monitoring; implant loosening; physical implant structure ultrasound wave transmission; in vitro study; dental materials; bovine rib bones; bone hydration; pencil lead breaks; standard acoustic emission source; acoustic emission surface propagation; synthetic materials; acoustic emission transmission tests; hydrated bones; dried bones; fresh bones; degrees of fixity; interface transmission; glass ionomer cement; osseointegration; transmitted energy; implant interface inspection; implant passive acoustic emission monitoring; dental material acoustic emission transmission

CLASSIFICATION: A8770J Prosthetics and other practical applications; A4385G Measurement by acoustic techniques; A8170B Nondestructive testing: acoustic methods; A8770M Biomedical materials; B7520E Prosthetics and orthotics; B0590 Materials testing; B7510 Biomedical measurement and imaging; E3654 Medical equipment and supplies industry; E1630 Testing; E1710 Engineering materials; E2150 Biomechanics (mechanical engineering); E2170 Acoustic properties (mechanical engineering)

IPC: A61B5/00 Measuring for diagnostic purposes; Identification of persons Not yet known; A61C Dentistry; Apparatus or methods for oral or dental hygiene; A61F2/02 Prostheses implantable into the body; G01N >Investigating or analysing materials by determining their chemical or physical properties; G01N29/00 Investigating or analysing materials by the use of ultrasonic, sonic or infrasonic waves; Visualisation of the interior of objects by transmitting ultrasonic or sonic waves through the object; G01N29/14 Using acoustic emission techniques; G01N33/48 Biological material, e.g. blood, urine; Haemocytometers

Academics

Corporates

Government

Patent Researchers

Inspec Vendors and Data Options

The Inspec database is available from a number of vendors, with a variety of pricing options to cater for both frequent and occasional users.

Inspec database Products

Product	Updates	Years Available	Archive Available	Thesaurus	Training File Pay-as-you-go only	Pricing Product Pay-as-you-go	Annual Subscription/ Site Licence
Vendor platforms offering online/remote access							
EBSCO	Weekly	1898 – Present	YES	YES		NO	YES
Engineering Village (Elsevier)	Weekly	1898 – Present	YES	YES		NO	YES
Minesoft	Weekly	1898 – Present	YES	YES		NO	YES
Ovid	Weekly	1898 – Present	YES	YES		NO	YES
ProQuest Dialog	Weekly	1898 – Present	YES	YES	213 (ONTAP)	YES	YES
Questel.Orbit	Weekly	1969 – Present				YES	YES
STN	Weekly	1898 – Present	YES	YES	Linspec	YES	YES
Thomson Innovation	Weekly	1898 – Present	YES	YES		NO	YES
Thomson Web of Science	Weekly	1898 – Present	YES	YES		NO	YES
WTI Frankfurt	Weekly	1898 – Present	YES	YES	INSL	YES	YES
Direct Data Service							
Data can be supplied as an XML feed via FTP to connect with in-house data retrieval software	Weekly	1898 – Present	YES	YES		NO	YES

NOTE: ALL DATA SHOWN HERE IS CORRECT TO OUR KNOWLEDGE AS OF MARCH 2014.

> *Our Engineering students and faculty appreciate the accuracy of Inspec. It offers a huge advantage over free search options where non- scholarly material may also be retrieved. We added the Inspec Archive to add extra value to our subscription and to access comprehensive science abstracts from 1898-1968. Engineering research is much simpler when using a comprehensive, multidisciplinary database such as Inspec.*
>
> Najwa Hanel, Science & Engineering Librarian, **University of Southern California**

Inspec Archive 1898 - 1968

The Inspec Archive file complements the main Inspec database by extending coverage from 1898 -1968. It represents the digitised version of the original Science Abstracts series:

Science Abstracts (1898 – 1902)
Science Abstracts: A – Physics Abstracts (1903 – 1968)
Science Abstracts: B – Electrical Engineering Abstracts (1903 – 1965)
Science Abstracts: B – Electrical & Electronics Abstracts (1966 – 1968)
Science Abstracts: C – Control Abstracts (1966 – 1968)

Features

The Inspec Archive contains:
- over 873,700 indexed abstracts to journal articles, conference proceedings, books, reports and dissertations
- abstracts that are much longer than present day records and often contain diagrams and complex mathematical proofs
- tables, graphs and figures from the original source document in many of the earlier records
- the original indexing and classifications
- enhancements to the indexing in the form of current day Inspec Thesaurus terms and Classification codes.

Benefits

The Inspec Archive makes it easy to locate references to historic research and engineering breakthroughs from thousands of scientists and engineers, including nobel prize winners such as Marie Curie, Albert Einstein and Guglielmo Marconi. It also gives access to often forgotten works (sometimes known as 'Sleeping Beauties') that may be of use in assessing the validity of current patents. An idea suggested many years ago that was not developed then, may be of relevance today.

REFERENCE

S.L.1	OFF Position
S.L.2	Full Speed
S.L.3	First Speed Position
S.L.4	Slow Speed
	Emergency Brake

P.L.1	OFF Position
P.L.2	Braking Position
P.L.3	1st Starting Resistance Contact
P.L.4	Running Position

S. Shunt Fields Coupled in Series
A. Armature
F. Series Fields
E. Earth Connection

Controller N.º1   Controller Nº2
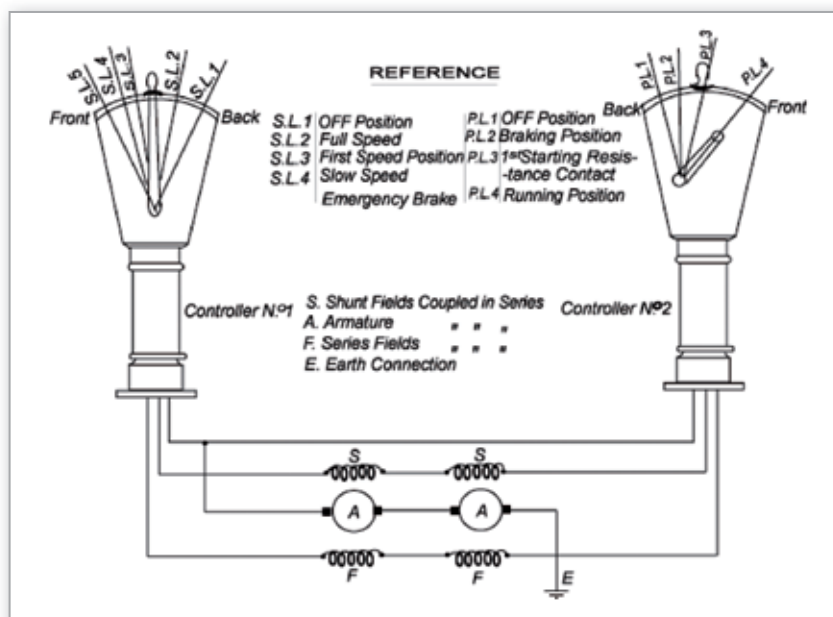
Original tables, graphs and diagrams by eminent scientist and engineers are easily accessible.

We are extremely pleased with the level of detail and reporting analysis available in Inspec. This one source allows our researchers to analyse data and refine search strategies all within one easy to use research tool.

Paul Mendoza, Digital Library Coordinator, **Mexican Institute of Petroleum, MX**

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Customer Support

Benefit from Inspec's wide variety of support, documentation and promotional services designed for librarians, scientists and engineers.

User support and documentation

Help Desks

Our online Help Desks are manned by experienced customer support staff who will be pleased to help you get the best results from your online search. You'll find contact details on the back cover of this brochure.

Free Training Sessions

Our training sessions can be held either at your site or via the web, and can be tailored to individual requirements. Training sessions review the benefits and functionality of Inspec plus help address the special needs trainers face when training others on using Inspec.

Information can be located online at
www.theiet.org/resources/inspec/support/training

Inspec Training Videos

Our collection of training videos demonstrate how to carry out effective searches plus key search features are reviewed.

Introductory videos and vendor platform training videos can be accessed online at **www.theiet.org/resources/inspec/support/training/trainingvideos.cfm**

IET Library & Technical Search Service

If you prefer not to carry out your own searching, or need a search performed now but don't yet have access to Inspec, you can commission an expert intermediary service, such as the Business and Technical Information Service of the Institution's Library in London to do it for you. The library also provides a document delivery/photocopying service.

Address:
Institution of Engineering and Technology Library,
Savoy Place, London,
WC2R 0BL, UK
T: +44 (0) 20 7344 8429
F: +44 (0) 20 7497 3557
E: searchservice@theiet.org

The Inspec Search Aids

Each Inspec record is indexed using controlled terms and classification codes in order to provide the best results from Inspec searches. The Inspec Search Aids provide an invaluable reference to the terms and codes used. They comprise three separate guides: the **Inspec Thesaurus**; **Inspec Classification** and **List of Journals**. Each one is available as a pdf. Please see a detailed description of each noted below.

Information can be located online at
www.theiet.org/resources/inspec/products/aids

- **Inspec Thesaurus**
  As well as listing the controlled terms and lead-ins or cross-reference terms, the Inspec Thesaurus gives further help by showing the relationship between terms, the dates on which they were added and the terms in use before these dates. The Thesaurus contains over 9,000 preferred terms.

- **Inspec Classification**
  The Inspec Classification shows the period of use of each code and, where appropriate, indicates codes that should be used when searching the Inspec database for references prior to that date. An index containing over 5,500 entries forms an integral part of the publication.

- **List of Journals**
  A useful reference to the serial publications covered by the Inspec database, including the dates, frequency and publishers of each title.

Search Aids in XML

The Inspec Classification, the Inspec Thesaurus and the List of Journals are available for single-site in-house use only. These XML Search Aids can be bought either individually or as a combined package.

Indexing

Inspec has many value added features to ensure fast and accurate search results. Learn more about using these special index fields including the Inspec Thesaurus, Classification, numerical indexing and much more!

Information can be located online at
www.theiet.org/resources/inspec/about/records

eNewsletter

IET Innovates eNewsletter provides information & updates on IET publishing products & scientific/industry news. This electronic newsletter replaces the former print Inspec Matters newsletter.

Information can be located online at
http://www.theiet.org/resources/inspec/support/newsletter/innovates/index.cfm

Twitter - **https://twitter.com/IETInnovates**

Promotional Material

To help promote Inspec to your users, please contact your local Inspec regional office to:

- Order free Inspec library posters/bookmarks.
- Order free Inspec promotional leaflets/information pack.

Free Lists of the Journals Covered by Inspec

- Inspec Archive journals listed alphabetically
- Inspec Archive journals listed by country
- List of open access journals within Inspec
- Biomedical journals in Inspec
- JST journals

Information can be located online at
www.theiet.org/resources/inspec/support/docs

Free Indexing Guides

- Astronomical catalogue designations
- Chemical indexing

- Numerical indexing
- Biomedical classification codes
- IPC patent codes
- New Inspec terms and classification
- Thesaurus and Classification Code changes

Information can be located online at
www.theiet.org/resources/inspec/support/docs

LibGuides

LibGuides for the Inspec database are now available on the Springshare platform. The LibGuides provide an overview of Inspec on various platforms in a quick reference manner plus conveniently link to Inspec informational videos. Librarians with a LibGuide account are encouraged to add the Inspec LibGuide, for their specific data delivery platform, into their existing LibGuide catalog for engineering, physics and computer science.

Information can be located online at
http://iet.libguides.com

Guides to Using Inspec on a Vendor Platform

- Dialog user guides
- Ebsco user guides
- Elsevier user guides
- Inspec Direct user guides
- Minesoft user guides
- Ovid user guides
- Questel user guides
- STN user guides
- Thomson Innovation user guide
- Web of Knowledge user guides

Information can be located online at
www.theiet.org/resources/inspec/support/docs

Twitter

Keep up to date with developments in science and engineering and new Inspec features.

https://twitter.com/IET_Inspec

Who Uses Inspec?
Academics

Librarians of the world's top universities have relied on the Inspec database as a trusted source for relevant, peer reviewed scientific content for over 40 years. Inspec continues to be the definitive source for engineering and physics researchers who don't have time to sacrifice or experiment using substandard or free research tools that may or may not deliver targeted, timely results. In fact, 84% out of the top 50 universities in the world for electrical engineering subscribe to Inspec. Electronic access to Inspec and/or the Inspec Archive allows academia (librarians, faculty and students) to **drive their research in the right direction** plus remain cutting edge and equipped to innovate in the fast pace of the 21st century.

Librarians are often the first point of contact in an academia setting when it comes to learning about and using Inspec. To address the special needs librarians face, when teaching or guiding others, the following Inspec resources are available:

- Online and face to face training sessions
- Custom Power Point slides
- Tool kit of Inspec branded promotional items for your library
- User support and documentation (see pages 12-13 for the full suite of available resources)

Inspec helps faculty and students to:

- Supplement class work with further reading
- Provide comprehensive literature searches for academic publications
- Find organizations with strengths in areas of interest to identify potential graduate programs or employers
- Research the publications of faculty members
- Keep current on key areas of interest by receiving email alerts

Inspec's Core Value

Inspec has a core team who proactively scours the world's most innovative scientific literature and carefully selects new content to be indexed within Inspec. This team also receives thousands of content submissions, for consideration, from researchers across the globe. A hands on approach to selecting content sets Inspec apart as a leading research database that delivers quality top tier information. A combination of subject matter knowledge and experience is also at the foundation of Inspec's impeccable reputation for quality of the highest standards.
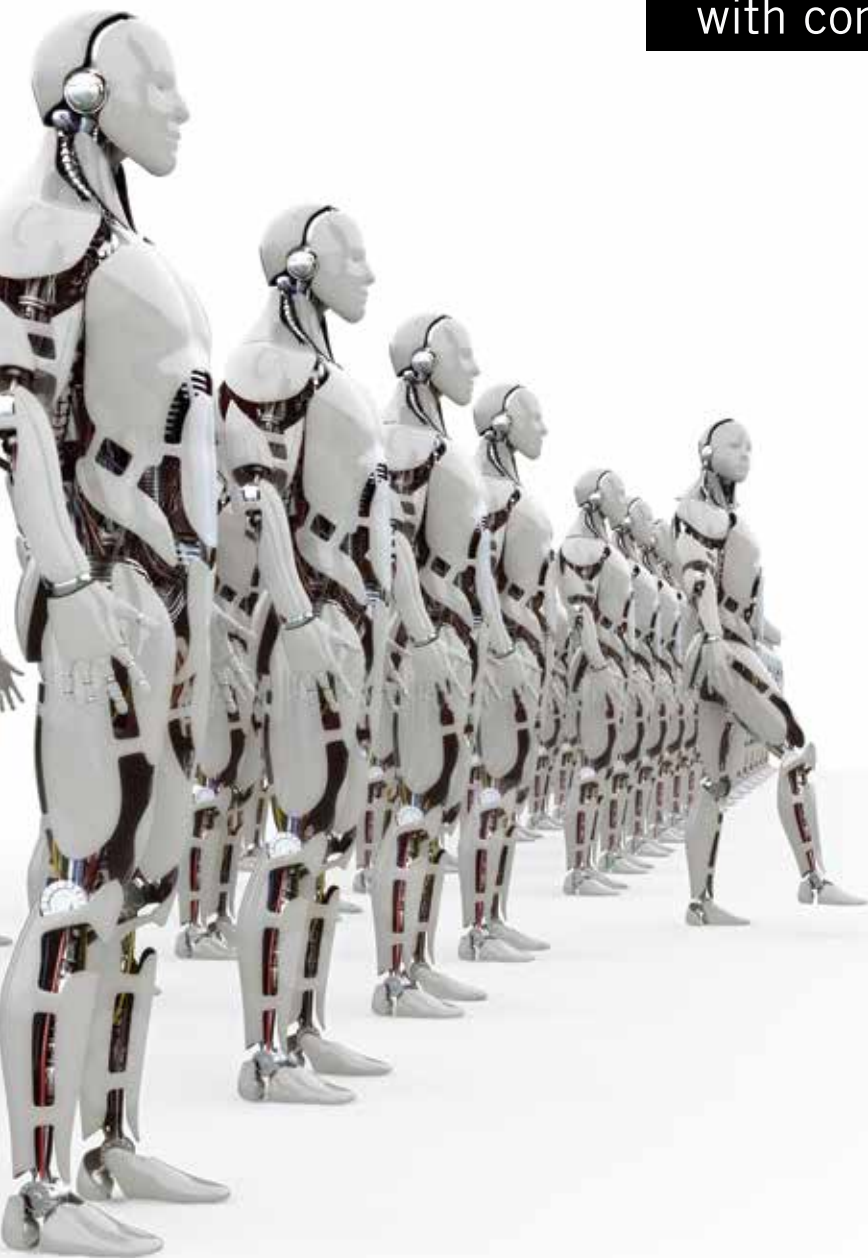
- Inspec contains over 14 million high-quality records to search, with another 874,000 records on the Inspec Archive spanning 1898- 1968. We're growing at an astonishing rate of over 800,000 new records a year.

- All material is indexed and classified by the Inspec indexing quality team which consists of specialized subject experts who use the renowned Inspec Thesaurus and Classification scheme. Both systems are regularly updated to cover the latest technological developments.

- The Inspec indexing quality team has a collective total of over 250 years' of experience working on the Inspec database.

- See additional details (on page 2) of Inspec's broad scope and coverage, timeliness of information, quality, and excellent return on investment that have continued to make Inspec one of the world's most definitive bibliographic engineering, physics and scientific databases for the past 40 years and the "go to source" for today's cutting edge scientific researchers.

Who Uses Inspec?
Corporates

The brightest minds and innovators across the globe rely on Inspec's broad scope and significant coverage of scientific data to **move research forward** and remain nimble in the business marketplace. Forward thinking companies who can't afford to scale back on research or waste time with non-creditable sources depend on Inspec's accuracy and directness to get critical answers and information. Access to scientific intelligence within Inspec is fundamental for researchers and information professionals who need to **develop competitive intelligence** in the blink of an eye.

Inspec helps corporate researchers to:

- Keep up to date with industry trends to stay competitive
- Target in on key information using controlled specialized search fields
- Track publications of competitors
- Find experts in the field

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IET Inspec

The definitive database for
Physics
Computers & Control
Information Technology
Mechanical & Production Engineering
Electrical Engineering & Electronics

Retrieve **complex information**

with precision and ease

Contact us at inspec@theiet.org for
questions or information about Inspec

www.**theiet**.org/inspec

Who Uses Inspec?
Government

Leading government agencies and organizations worldwide trust their research queries to Inspec when they need to **retrieve complex information quickly and easily**. Researchers are safeguarded from the hassle of sorting through irrelevant information lacking merit or value to their research when they access creditable, targeted scientific information within Inspec. The reliability and scope of Inspec's subject coverage continues to attract the most promising contributors to science and technology and has aided in their creation of modern scientific advances that impact key areas of global infrastructure.

Inspec helps government researchers to:

- Locate and pin point reliable information needed to keep mission critical projects on track and moving forward
- Stay current on the latest breaking advances in research and equipped with knowledge to make wise and sometimes tough choices
- Strategise on a global scale and harness the worlds scientific literature with ease from one reliable source

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Patent Researchers

IET Inspec

The definitive database for

Physics
Computers & Control
Information Technology
Mechanical & Production Engineering
Electrical Engineering & Electronics

Navigate through **prior research**
to discover new possibilities

Contact us at inspec@theiet.org for questions or information about Inspec

www.**theiet**.org/inspec

Who Uses Inspec?
Patent Researchers

Researchers can search over 100 years' worth of prior art records from the world's technical and scientific literature when searching Inspec and the Inspec Archive. Access to this critical information enables patent searchers to locate prior publications for patent novelty searches, and guards against troublesome validity attacks and opposition searches. Patent researchers can **navigate through prior research** to discover new possibilities.

Inspec helps patent researchers to:

- Search the non-patent literature to defend or challenge current patents
- Locate prior art
- Search using IPC codes
- Access state-of-the-art reviews via Inspec treatment codes
- Discover sleeping beauties

- Find out who's who
- Gain competitor intelligence
- Avoid re-inventing the wheel
- Solve technical problems
- Identify potential licensees
- Patent documents within Inspec

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