
Jedra iz mehkomagnetnih materialov - Merilne metode - 3. del: Magnetne lastnosti pri močnem vzburjanju - Popravek AC

Cores made of soft magnetic materials - Measuring methods - Part 3: Magnetic properties at high excitation level

Kerne aus weichmagnetischen Materialien - Messverfahren - Teil 3: Messungen der magnetischen Eigenschaften im Leistungsapplikationsbereich

Noyaux en matériaux magnétiques doux - Méthodes de mesure - Partie 3: Propriétés magnétiques à niveau élevé d'excitation

[SIST EN 62044-3:2002/AC:2022](https://standards.itcch.ai/catalog/standards/sist/2251fcc5eb7-4984-ad7a-39ec8591c847/sist-en-62044-3-2002-ac-2022)
Ta slovenski standard je istoveten z: EN 62044-3:2001/AC:2021-11

<https://standards.itcch.ai/catalog/standards/sist/2251fcc5eb7-4984-ad7a-39ec8591c847/sist-en-62044-3-2002-ac-2022>

ICS:

17.220.20	Merjenje električnih in magnetnih veličin	Measurement of electrical and magnetic quantities
29.100.10	Magnetne komponente	Magnetic components

SIST EN 62044-3:2002/AC:2022**en,fr**

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[SIST EN 62044-3:2002/AC:2022](https://standards.iteh.ai/catalog/standards/sist/2251fccc-5eb7-4984-ad7a-39ec8591c847/sist-en-62044-3-2002-ac-2022)

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 62044-3:2001/AC:2021-11

November 2021

ICS 29.030; 29.100.10

English Version

**Cores made of soft magnetic materials - Measuring methods -
Part 3: Magnetic properties at high excitation level
(IEC 62044-3:2000/COR1:2021)**

Noyaux en matériaux magnétiques doux - Méthodes de
mesure - Partie 3: Propriétés magnétiques à niveau élevé
d'excitation
(IEC 62044-3:2000/COR1:2021)

Kerne aus weichmagnetischen Materialien - Messverfahren
- Teil 3: Messungen der magnetischen Eigenschaften im
Leistungsapplikationsbereich
(IEC 62044-3:2000/COR1:2021)

This corrigendum becomes effective on 19 November 2021 for incorporation in the English language version of the EN.

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[SIST EN 62044-3:2002/AC:2022](https://standards.iteh.ai/catalog/standards/sist/2251fcce-5eb7-4984-ad7a-39ec8591c847/sist-en-62044-3-2002-ac-2022)
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European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

Endorsement notice

The text of the corrigendum IEC 62044-3:2000/COR1:2021 was approved by CENELEC as EN 62044-3:2001/AC:2021-11 without any modification.

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INTERNATIONAL ELECTROTECHNICAL COMMISSION
COMMISSION ÉLECTROTECHNIQUE INTERNATIONALE

IEC 62044-3
Edition 1.0 2000-12

**CORES MADE OF SOFT MAGNETIC MATERIALS
– MEASURING METHODS –**

**Part 3: Magnetic properties at high
excitation level**

IEC 62044-3
Édition 1.0 2000-12

**NOYAUX EN MATÉRIAUX MAGNÉTIQUES DOUX –
MÉTHODES DE MESURE –**

**Partie 3: Propriétés magnétiques à niveau
élevé d'excitation**

CORRIGENDUM 1

Corrections to the French version appear after the English text.

Les corrections à la version française sont données après le texte anglais.

(standards.iteh.ai)

6.3.2.2 Multiplying methods

Replace Table 1 with the following new table:
<https://standards.iteh.ai/catalog/standards/sist/2251fcc5-5eb7-4984-ad7a-39ec8591c847/sist-en-62044-3-2002->

Measuring method	Domain of			Subclause of Annex C
	useable excitation waveform	ac-2022 acquisition	processing	
V-A-W meter	Sinusoidal	Time	Time	C.4
Impedance analyser	Sinusoidal	Not applicable	Not applicable	C.5
Digitizing	Arbitrary	Time	Time	C.6
Vector spectrum	Arbitrary	Frequency	Frequency	C.7
Cross-power	Arbitrary	Time	Frequency	C.8

B.4 Measuring procedure

Replace the formula and text with the following new formula and text:

$$P = \overline{(u \times i)} = \frac{|U_1^2 - U_2^2|}{4 \cdot \frac{N_3}{N_1} \cdot R}$$

where

$\overline{(u \times i)}$ is the time-averaged product of the instantaneous values of voltage induced by the excitation in the measuring coil assembled with the core and the current through the exciting winding;