

# NEW NEMO *Medicine Ball*

Technical drawing n°220  
REV.1.2015

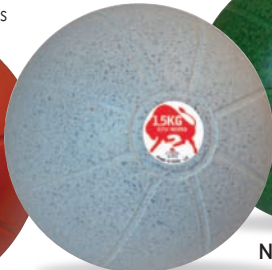
APPROVED BY:



International Association  
of Athletics Federations



NEW NEMO 1



NEW NEMO 1,5



NEW NEMO 2



NEW NEMO 3



NEW NEMO 4



NEW NEMO 5



NEW NEMO 6



NEW NEMO 7



NEW NEMO 8



NEW NEMO 9



NEW NEMO-10



NEW NEMO-11



NEW NEMO-12

New Nemo medicine balls are made of a special synthetic rubber with a high weight density. This makes a combination of high weights with small sizes possible. The valve, of vulcanized rubber, can be replaced with Trial's kit. New Nemo is perfect for training and development in every sport. Each weight has its particular colour. Trial guarantees that all components are non-toxic. **The item New Nemo 1 is approved by IAAF as component of OFFICIAL KIDS' ATHLETICS FOR SCHOOL.**



<b>NEW NEMO 1</b> Medicine ball	Ø cm 19	Weight: kg 1	Colour: red	Packing: 6 pcs
<b>NEW NEMO 1,5</b> Medicine ball	Ø cm 19	Weight: kg 1,500	Colour: milk	Packing: 6 pcs
<b>NEW NEMO 2</b> Medicine ball	Ø cm 19	Weight: kg 2	Colour: green	Packing: 6 pcs
<b>NEW NEMO 3</b> Medicine ball	Ø cm 19	Weight: kg 3	Colour: crimson	Packing: 6 pcs
<b>NEW NEMO 4</b> Medicine ball	Ø cm 24	Weight: kg 4	Colour: blue	Packing: 3 pcs
<b>NEW NEMO 5</b> Medicine ball	Ø cm 24	Weight: kg 5	Colour: leather	Packing: 3 pcs
<b>NEW NEMO 6</b> Medicine ball	Ø cm 24	Weight: kg 6	Colour: violet	Packing: 3 pcs
<b>NEW NEMO 7</b> Medicine ball	Ø cm 29	Weight: kg 7	Colour: milk	Packing: 2 pcs
<b>NEW NEMO 8</b> Medicine ball	Ø cm 29	Weight: kg 8	Colour: green	Packing: 2 pcs
<b>NEW NEMO 9</b> Medicine ball	Ø cm 29	Weight: kg 9	Colour: crimson	Packing: 2 pcs
<b>NEW NEMO-10</b> Medicine ball	Ø cm 29	Weight: kg 10	Colour: blue	Packing: 2 pcs
<b>NEW NEMO-11</b> Medicine ball	Ø cm 29	Weight: kg 11	Colour: leather	Packing: 2 pcs
<b>NEW NEMO-12</b> Medicine ball	Ø cm 29	Weight: kg 12	Colour: violet	Packing: 2 pcs

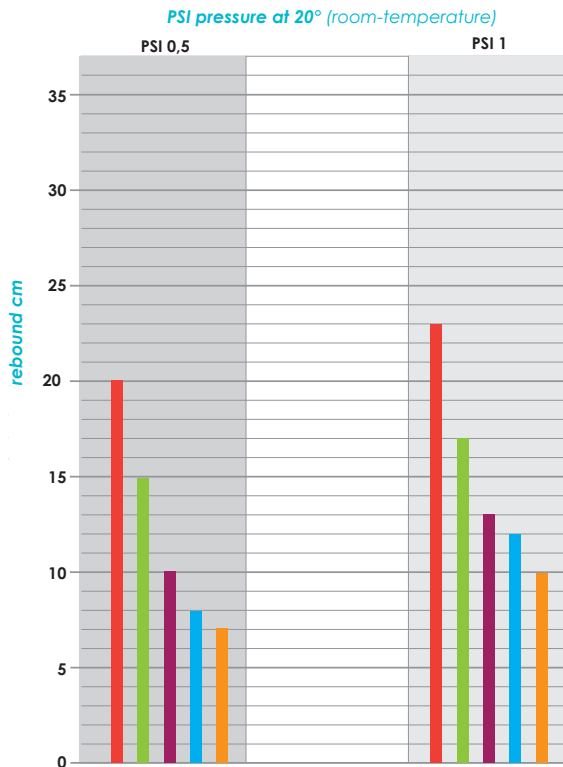
The exercises sheet  
is available



# NEW NEMO *Medicine Ball*

Technical drawing n°43  
REV.1.2015

Rebounding test of medicine ball from an height of 1,50 meters inflated with a pressure of PSI 0,5 and PSI 1



The diagram shows the rebound obtained when the NEW NEMO, inflated with two different pressures, falls down from an height of 1,50 meters.

ITEM	PSI 0,5	PSI 1
NEW NEMO kg 1	cm 20	cm 23
NEW NEMO kg 2	cm 15	cm 17
NEW NEMO kg 3	cm 10	cm 13
NEW NEMO kg 4	cm 8	cm 12
NEW NEMO kg 5	cm 7	cm 10

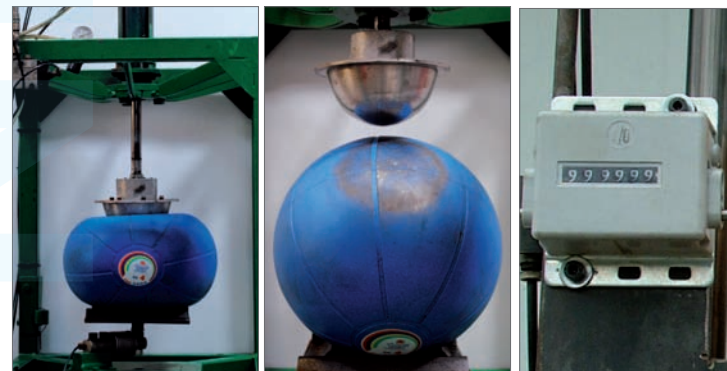
## Test: Guarantee of Quality: comparison with "oriental" medicine balls.

In the executed test Trial's NEW NEMO 4 kg and other medicine balls of the same weight, but of a "Oriental" production, had to undergo a load cell of 149,90 kg of weight. The number of cycles tested consist of estimated 1 million hits, considering 120/hits/minute, for 6 days.

**Main aim:** compare their strenghts and quality of material.

### TRIAL NEW NEMO kg 4

After 130 hours and 999.999 hits TRIAL medicine ball didn't burst, and maintained its properties of a prefixed standard.



### "Oriental" MEDICINE BALLS

After 75 minutes and 9.334 hits ORIENTAL medicine ball burst. Photo show the result.

After 60.000 hits the ball sold by retail chain broke. Photo show the result.



### Certificated Product

The principles were adopted by the European Commission on the basis of Legislative Decree n.154 of April 11th 2011 related with "Implementation of Directive 2009/48/CE on toy safety". This decree according to regulation (CE) n.1907/2006, of December 18th 2006, establishes the provisions about substances and compounds dangerous for human health and environment; the criteria for "Registration, Evaluation, Authorization and restriction of Chemical substances" (REACH), establishing an "European Chemicals Agency" (ECHA) for control of hazardous substances.

